Form 3160-3
(August 1999)

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.
UT ST UO-01194-ST

6. If Indian, Allottee or Tribe Name
TRIBAL SURFACE

1a. Type of Work: [X] DRILL [ ] REENTER

7. If Unit or CA Agreement, Name and No.
UNIT #891008900A

b. Type of Well: [ ] Oil Well [X] Gas Well [ ] Other [ ] Single Zone [X] Multiple Zone

8. Lease Name and Well No.
NBU 921-25NT

2. Name of Operator
KERR MCGEE OIL AND GAS ONSHORE LP

9. API Well No.
43-047-39368

3A. Address
1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. *(include area code)*
(435) 781-7024

10. Field and Pool, or Exploratory
NATURAL BUTTES

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*
At surface **SE/SW 1150'FSL, 2607'FWL** 628090X 40.002957
At proposed prod. Zone 44289544 -109.499418

11. Sec., T., R., M., or Blk, and Survey or Area
SEC. 25. T9S, R21E

14. Distance in miles and direction from nearest town or post office*
18 +/- MILES SOUTHEAST OF OURAY, UTAH

12. County or Parish
UINTAH

13. State
UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **1150'**

16. No. of Acres in lease
1082.97

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **REFER TO TOPO C**

19. Proposed Depth
9460'

20. BLM/BIA Bond No. on file
RLB0005239

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
4955'GL

22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
TO BE DETERMINED

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office.
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized office.

25. Signature: Sheila Upchego
Name *(Printed/Typed)*: **SHEILA UPCHEGO**
Date: **6/4/2007**
Title: **SENIOR LAND ADMIN SPECIALIST**

Approved by (Signature)
Name *(Printed/Typed)*: **BRADLEY G. HILL**
Date: 09-17-07
Title
Office: **ENVIRONMENTAL MANAGER**

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**(Instructions on reverse)*

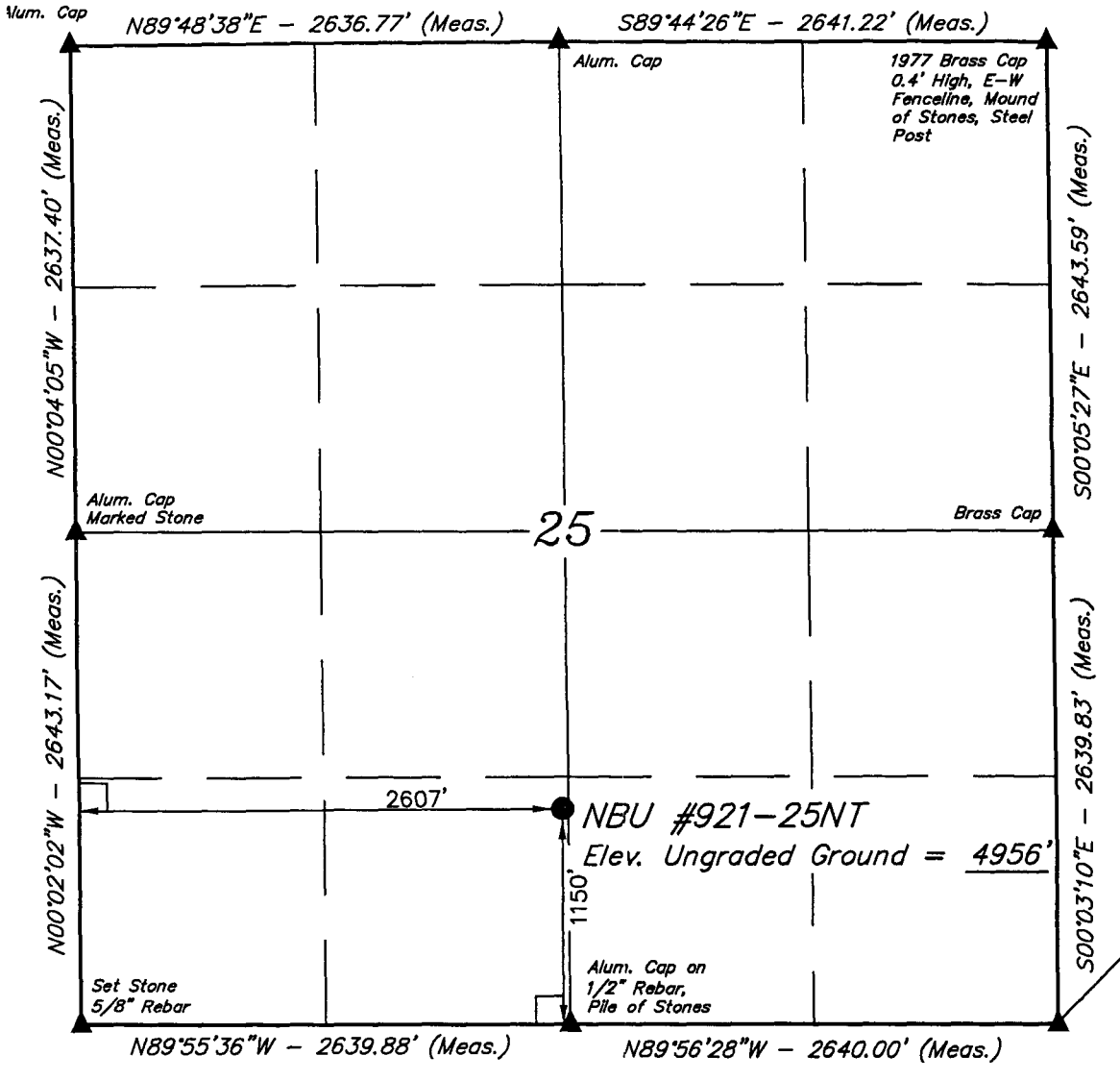
Federal Approval of this Action is Necessary

RECEIVED
JUN 11 2007
DIV. OF OIL, GAS & MINING

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #921-25NT, located as shown in the SE 1/4 SW 1/4 of Section 25, T9S, R21E, S.L.B.&M., Uintah County, Utah.

T9S, R21E, S.L.B.&M.

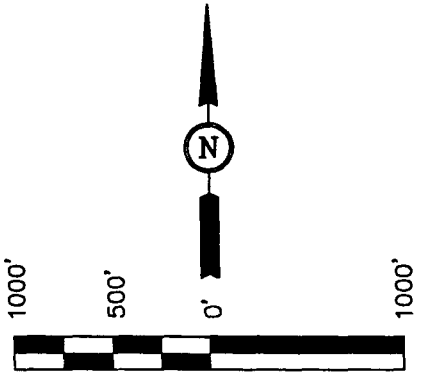


BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°00'10.42" (40.002894)
LONGITUDE = 109°30'00.68" (109.500189)
(NAD 27)
LATITUDE = 40°00'10.55" (40.002931)
LONGITUDE = 109°29'58.21" (109.499503)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	04-03-07	04-13-07
PARTY: L.K. J.A. C.H.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: Kerr-McGee Oil & Gas Onshore LP	

NBU 921-25NT
SE/SW Sec. 25, T9S, R21E
UINTAH COUNTY, UTAH
UT ST UO-01194-ST

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

Formation	Depth
Uinta	0- Surface
Green River	1430'
Top of Birds Nest Water	1726'
Mahogany	2085'
Wasatch	4664'
Mesaverde	7343'
MVU2	8303'
MVL1	8880'
TD	9460'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

Substance	Formation	Depth
	Green River	1430'
	Top of Birds Nest Water	1726'
	Mahogany	2085'
Gas	Wasatch	4664'
Gas	Mesaverde	7343'
Gas	MVU2	8303'
Gas	MVL1	8880'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. **Proposed Casing & Cementing Program:**

Please see the Natural Buttes Unit SOP.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9460' TD, approximately equals 5865 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3784 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

Please see Natural Buttes Unit SOP.

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP		DATE	May 31, 2007	
WELL NAME	**NBU 921-25NT**		TD	9,460' MD/TVD	
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah	ELEVATION	4,955' GL KB 4,970'
SURFACE LOCATION	SESW, SEC 25-T9S-R21E, 1150' FSL 2607' FWL			BHL	Straight Hole
	Latitude: 40.002894	Longitude: 109.500189			
OBJECTIVE ZONE(S)	Wasatch/Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: UDOGM SURF & BLM MINERALS, Tri-County Health Dept.				

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'	14"		
			12-1/4"	9-5/8", 32.3#, H-40, STC **For wells w/ surf csg set below 2200' app 10 jts of 36# J55 will be run on bottom	Air mist
Catch water sample, if possible, from 0 to 4,664'	Green River @	1,430'			
	Top of Birds Nest Water @	1,726'			
	Mahogany @	2,085'			
	Preset f/ GL @	2,300' MD			
	Note: 12.25" surface hole will usually be drilled ±400' below the bottom of lost circulation zone. Drilled depth may be ±200' of the estimated set depth depending on the acutal depth of the loss zone.				
Mud logging program TBD Open hole logging program f/ TD - surf csg			7-7/8"	4-1/2",11.6#, I-80 or equivalent LTC casing	Water/Fresh Water Mud 8.3-11.5 ppg
	Wasatch @	4,664'			
	Mverde @	7,343'			
	MVU2 @	8,303'			
	MVL1 @	8,880'			
	TD @	9,460'			Max anticipated Mud required 11.5 ppg

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL			WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'								
								2270	1370	254000
SURFACE	9-5/8"	0	to	1900	32.30	H-40	STC	0.63*******	1.54	3.90
								3520	2020	564000
	9-5/8"	1900	to	2300	36.00	J-55	STC	1.23*******	1.88	8.67
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	9460	11.60	I-80	LTC	2.18	1.12	2.10

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 3576 psi

********* Burst SF is low but csg is stronger than formation at 2300 feet

********* EMW @ 2300 for 2270# is 19.0 ppg or 1.0 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1			+ .25 pps flocele				
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt	100		15.60	1.18
			+ 2% CaCl + .25 pps flocele				
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			**NOTE: If well will circulate water to surface, option 2 will be utilized**				
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite	230	35%	11.00	3.82
			+.25 pps Flocele + 3% salt BWOC				
	TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
			+ .25 pps flocele				
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,160'	Premium Lite II + 3% KCl + 0.25 pps	460	60%	11.00	3.38
			celloflake + 5 pps gilsonite + 10% gel				
			+ 0.5% extender				
	TAIL	5,300'	50/50 Poz/G + 10% salt + 2% gel	1480	60%	14.30	1.31
			+.1% R-3				

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

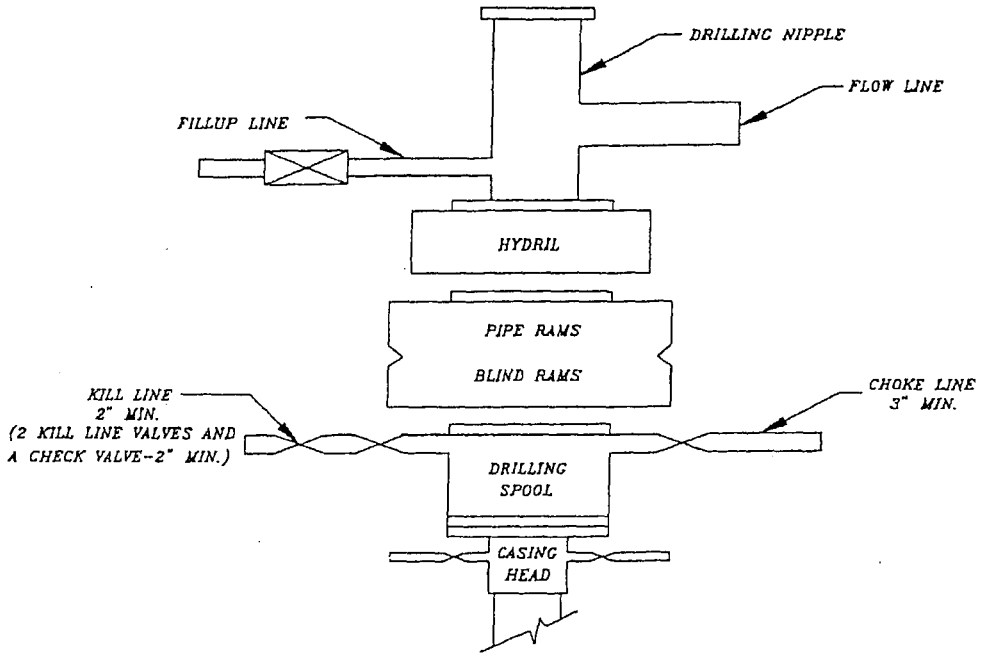
Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

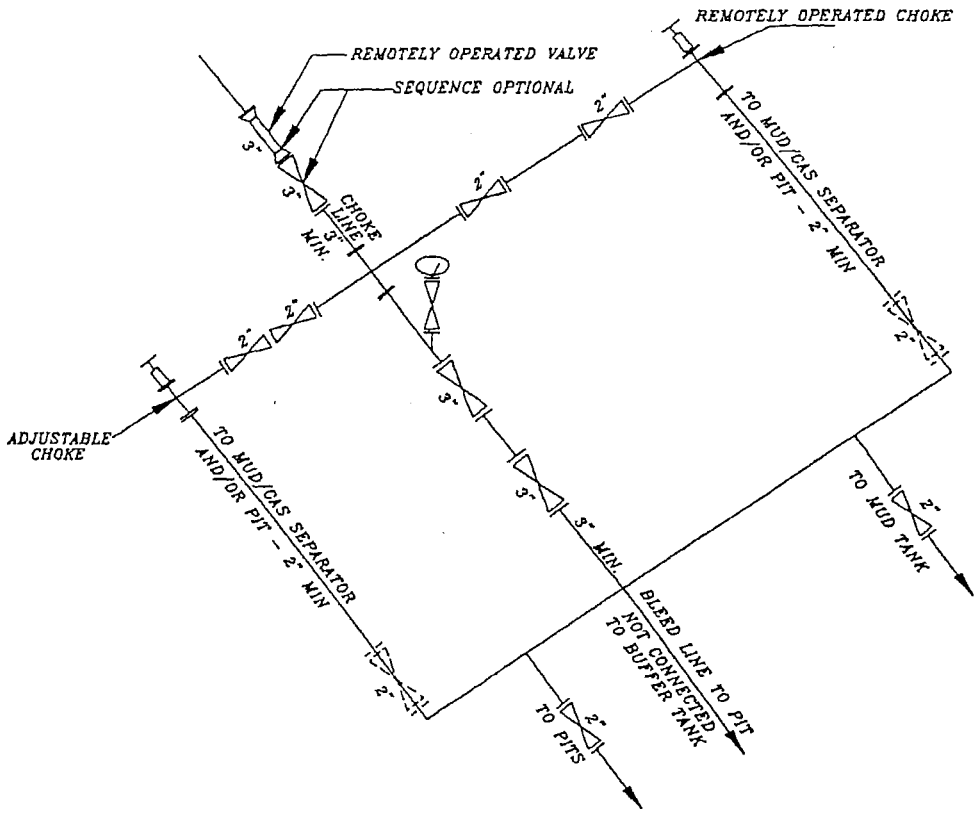
DRILLING ENGINEER: _____ **DATE:** _____

Brad Laney

DRILLING SUPERINTENDENT: _____ **DATE:** _____

5M BOP STACK and CHOKE MANIFOLD SYSTEM





NBU 921-25NT
SE/SW SEC. 25, T9S, R21E
UINTAH COUNTY, UTAH
UT ST UO-01194-ST

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to the attached location directions.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

2. **Planned Access Roads:**

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

Approximately 240' +/- of new access road is proposed. Please refer to the attached Topo Map B.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Please see the Natural Buttes Unit SOP.

Approximately 526' +/- of 4" steel pipeline is proposed from the location to an existing pipeline. Refer to the attached Topo Map D.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon Brown (2.5Y 6/2), a non-reflective earthtone.

5. **Location and Type of Water Supply:**

Please see the Natural Buttes SOP.

6. **Source of Construction Materials:**

Please see the Natural Buttes SOP.

7. **Methods of Handling Waste Materials:**

Please see the Natural Buttes SOP.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E *(Request is in lieu of filing Form 3160-5, after initial production).*

8. **Ancillary Facilities:**

Please see the Natural Buttes SOP.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

Culverts will be installed where needed.

A run off diversion for drainage will be constructed where needed.

The reserve pit will be lined. When the reserve pit is closed the pit liner will be buried below plow depth.

Location size may change prior to the drilling of the well due to the current rig availability. If the proposed location is not large enough to accommodate the drilling rig. The location will be re-surveyed and a form 3160-5 will be submitted.

10. **Plans for Reclamation of the Surface:**

Please see the Natural Buttes SOP.

11. **Surface Ownership:**

The well pad and access road are located on lands owned by:

Ute Indian Tribe
P.O. Box 70
Fort Duchesne, Utah 84026
(435) 722-5141

12. **Other Information:**

A Class III Archaeological Survey Report has been conducted for this location and submitted to the Ute Indian Tribe prior to the on-site inspection.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within boundaries of the unit.

13. **Lessee's or Operator's Representative & Certification:**

Sheila Ucphego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435) 781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under the terms and conditions of the lease for the operations conducted upon leased lands.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Bureau of Indian Affairs Nationwide Bond #RLB0005239, Bureau of Land Management Nationwide Bold #WYB000291 and State of Utah Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Sheila Upchego

6/4/2007
Date

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 11, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEATERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED INA SOUTHEASTERLY DIRECITON APPROXIAMTELY 350' TO THE JUNCTION OF THIS RAOD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.0 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT

LOCATED IN UINTAH COUNTY, UTAH
SECTION 25, T9S, R21E, S.L.B.&M.

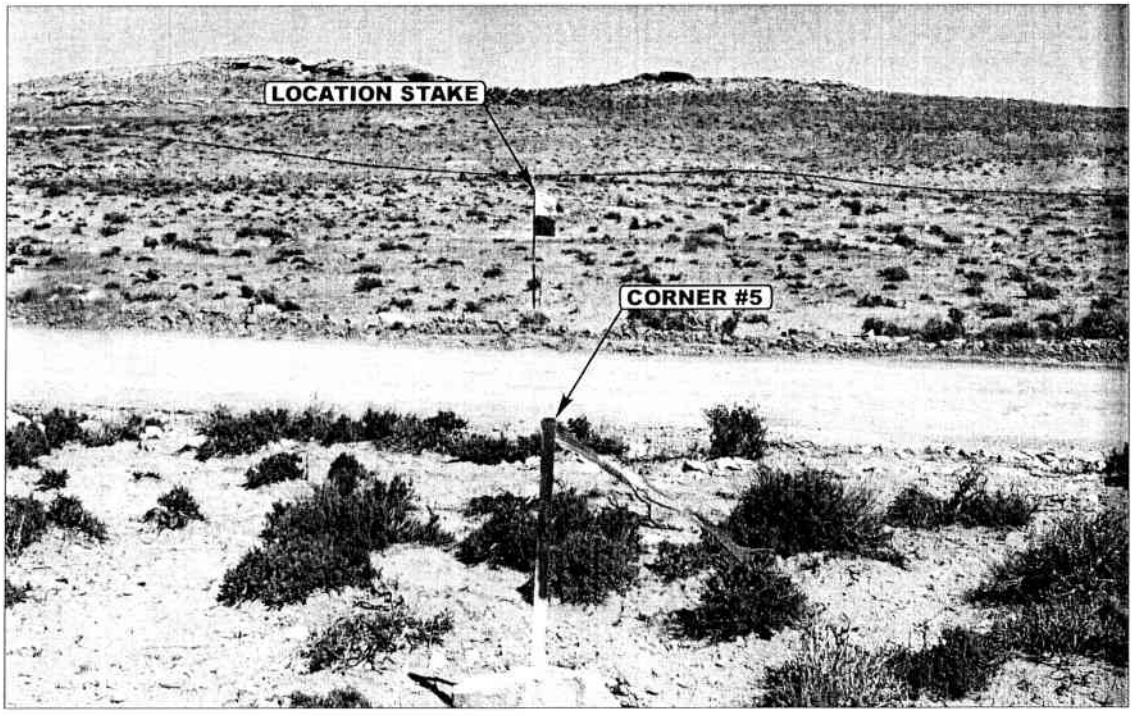
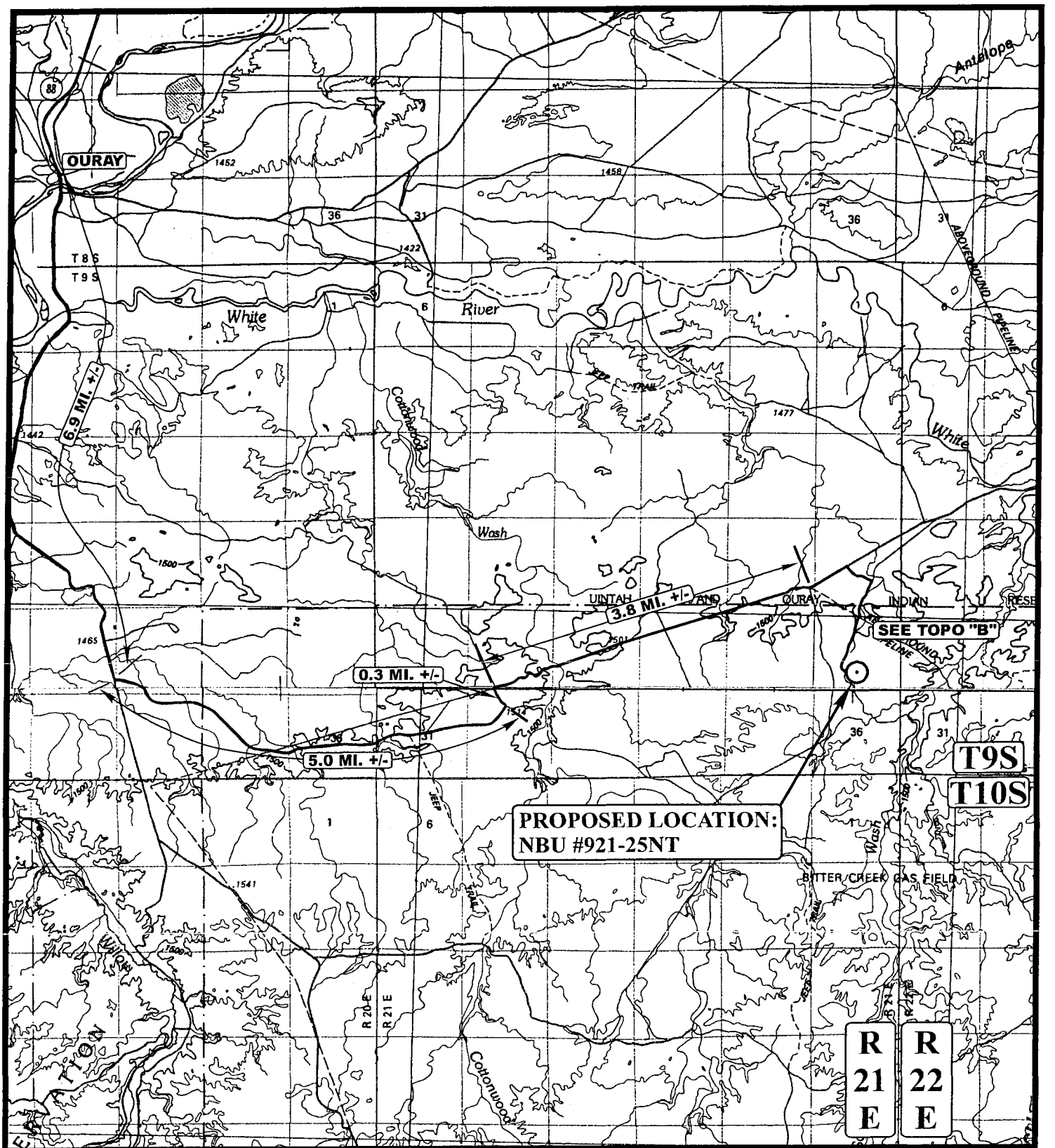


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF EXISTING ACCESS **CAMERA ANGLE: EASTERLY**

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	04 MONTH	10 DAY	07 YEAR	PHOTO
TAKEN BY: L.K.	DRAWN BY: A.A.	REVISED: 00-00-00		



LEGEND:

⊙ PROPOSED LOCATION

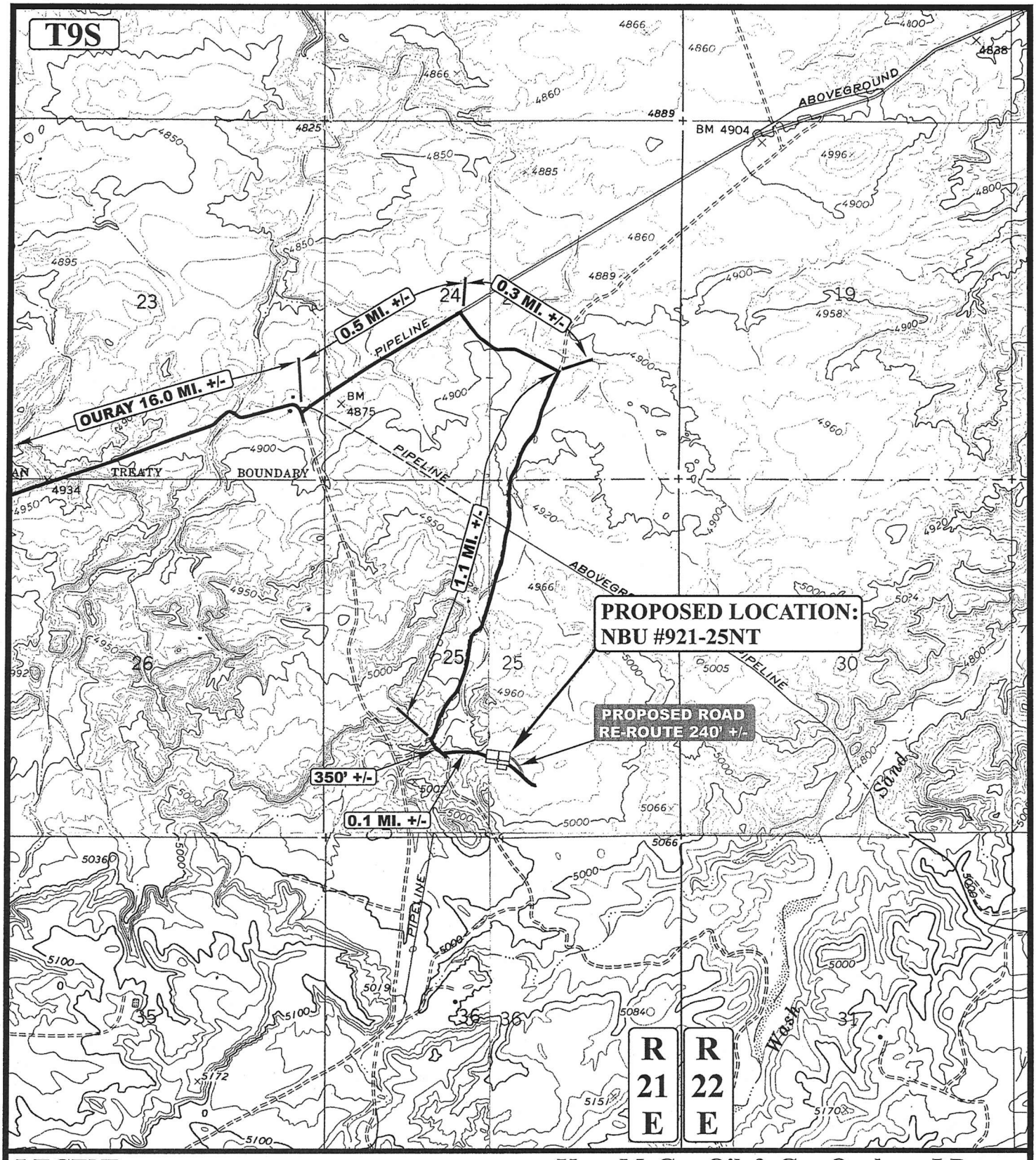
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: A.A.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

PROPOSED ROAD RE-ROUTE

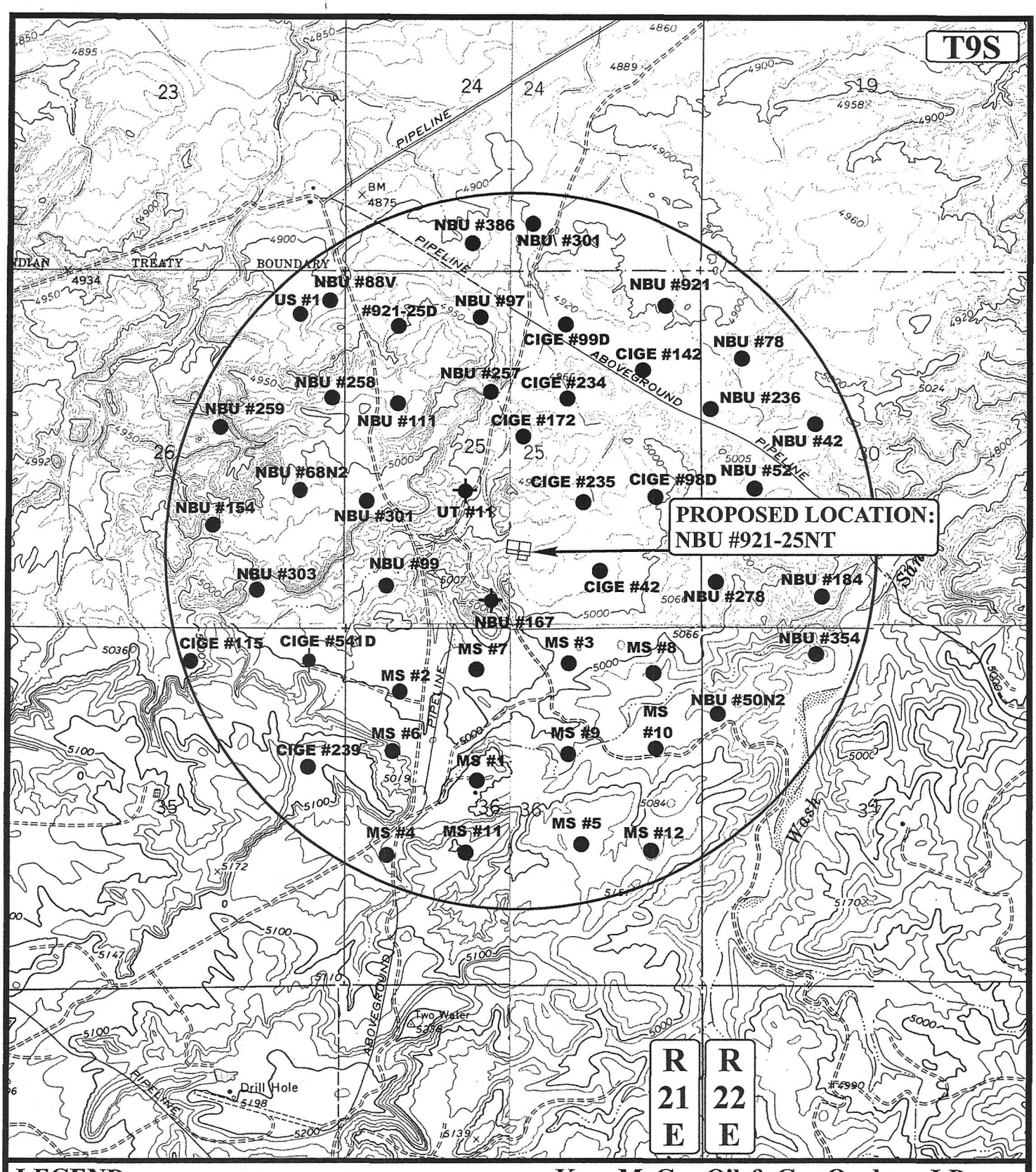
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: A.A.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

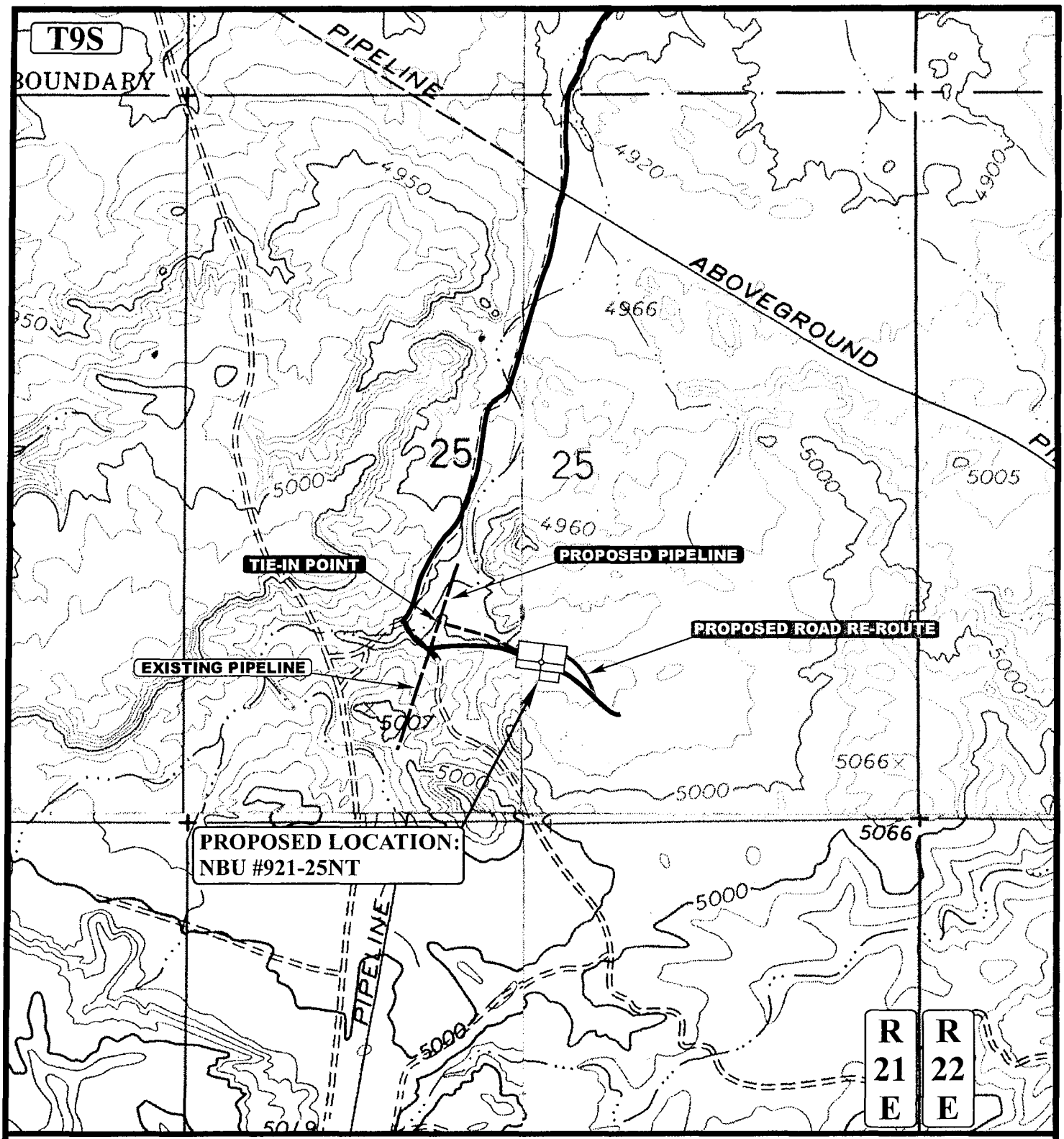
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR
SCALE: 1" = 2000'	DRAWN BY: A.A.	REVISED: 00-00-00	C TOPO



APPROXIMATE TOTAL PIPELINE DISTANCE = 526' +/-

LEGEND:

PROPOSED ACCESS ROAD
PROPOSED ROAD RE-ROUTE
EXISTING PIPELINE
PROPOSED PIPELINE

N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR
SCALE: 1" = 1000'	DRAWN BY: A.A.	REVISED: 00-00-00	D TOPO

Kerr-McGee Oil and Gas Onshore LP

NBU #921-25NT

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH

SECTION 25, T9S, R21E, S.L.B.&M.

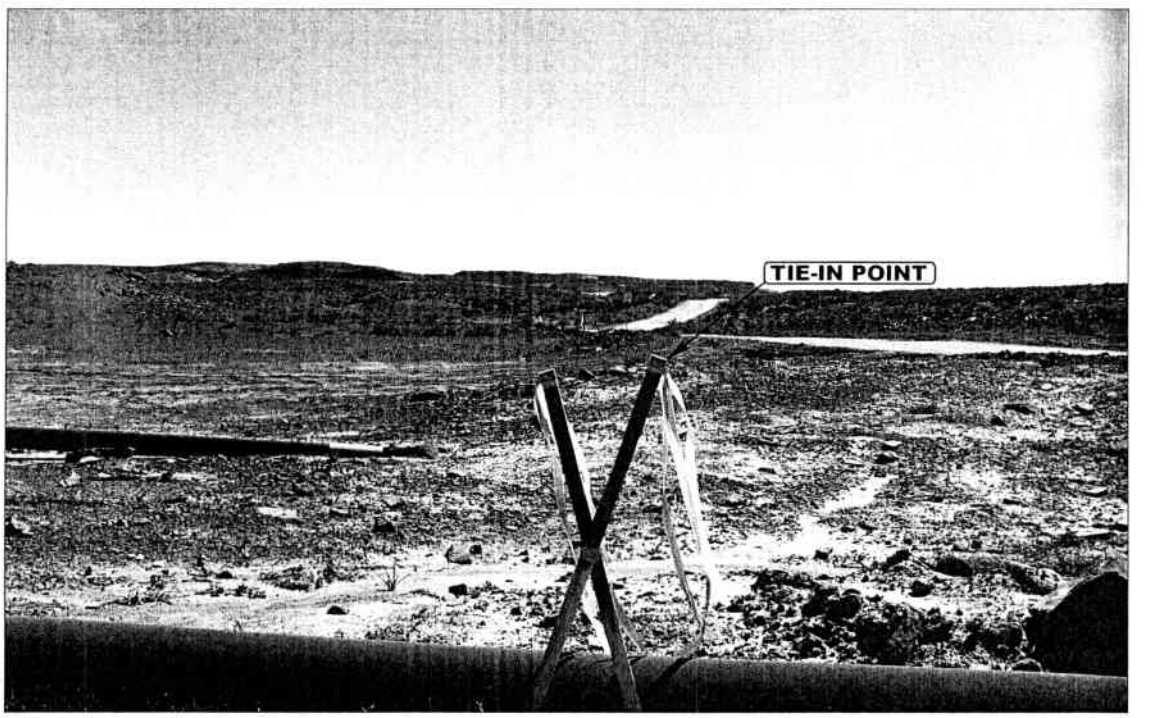


PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: EASTERLY

- Since 1964 -

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

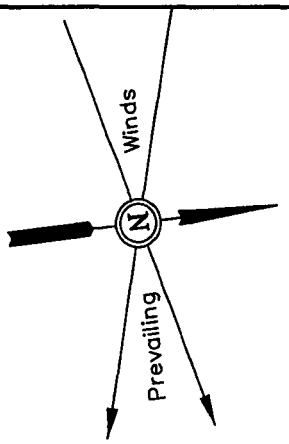
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS	04 MONTH	10 DAY	07 YEAR	PHOTO
TAKEN BY: L.K.	DRAWN BY: A.A.	REVISED: 00-00-00		

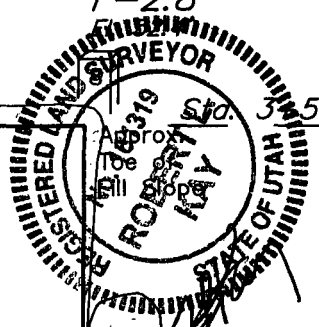
Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL



SCALE: 1" = 50'
DATE: 04-13-07
Drawn By: C.H.



Existing Drainage
C-4.8'
El. 60.0'
F-2.8'
Sta. 3+50
Approx. Toe of Fill Slope
Approx. Top of Cut Slope
Existing Road
C-0.4'
El. 55.6'
58'
180'
NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.
PIPE TUBS
CATWALK
PIPE RACKS
Existing Drainage
Topsoil Stockpile
Pit Topsoil
FLARE PIT
El. 60.1'
C-14.9'
(btm. pit)
Blooie Line
C-5.9'
El. 61.1'
C-0.6'
El. 55.8'
RIG
135'
Sta. 1+70
70'
10'
58'
RESERVE PITS
(10' Deep)
Total Pit Capacity W/2' of Freeboard = 9,850 Bbls. ±
Total Pit Volume = 2,780 Cu. Yds.
MUD TANKS
DOG HOUSE
TOILET
F-2.7'
El. 52.5'
C-5.8'
El. 61.0'
LIGHT PLANT
BOILER
TRAILER
MUD TANKS
PUMP HOUSE
WATER TANK
Reserve Pit Backfill & Spoils Stockpile
15' WIDE BENCH
SLOPE 1 1/2 : 1
150'
TRASH
170'
C-1.6'
El. 56.8'
Sta. 0+50
PROPANE STORAGE
15' WIDE BENCH
30'
El. 58.6'
C-13.4'
(btm. pit)
C-3.2'
El. 58.4'
Sta. 0+00
F-4.9'
El. 50.3'
C-1.0'
El. 56.2'
Proposed Road Re-Route

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4955.8'
FINISHED GRADE ELEV. AT LOC. STAKE = 4955.2'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

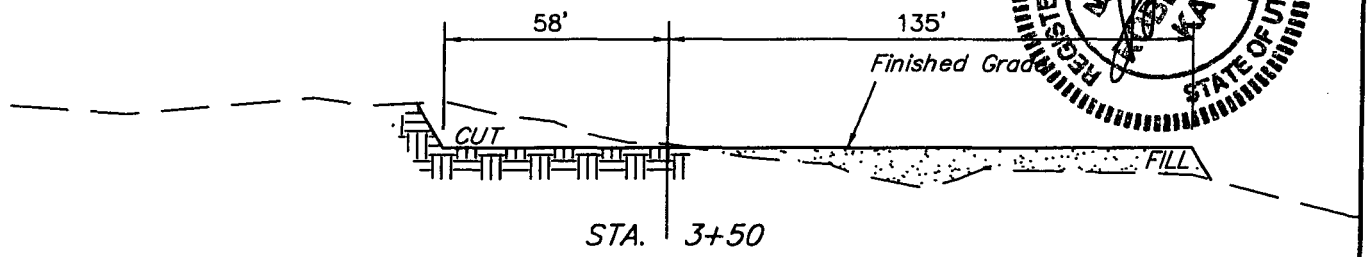
TYPICAL CROSS SECTIONS FOR

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

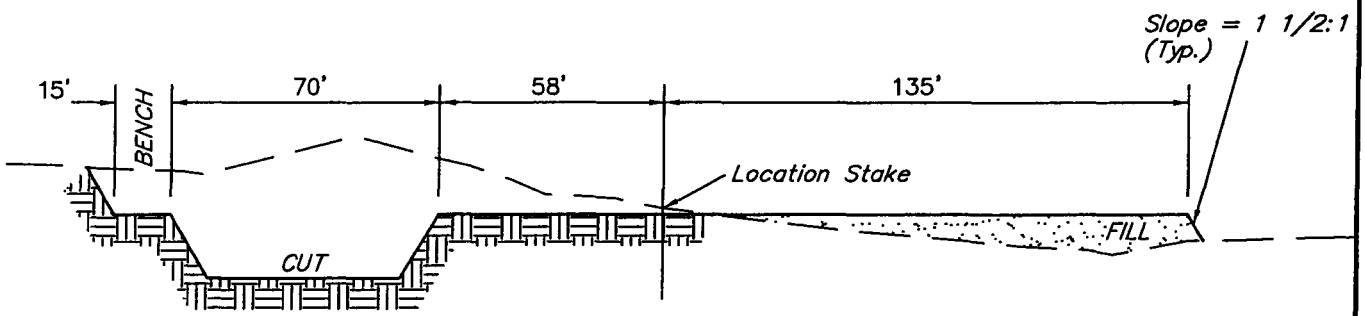
1" = 20'
X-Section Scale
1" = 50'

DATE: 04-13-07
Drawn By: C.H.

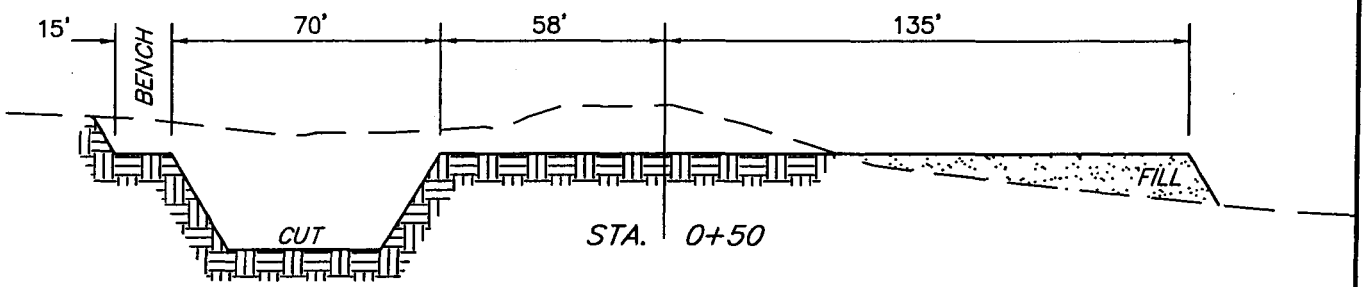
REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH KAY



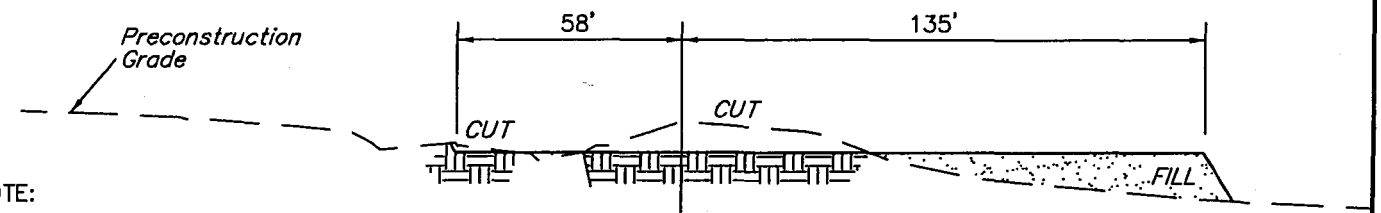
STA. 3+50



STA. 1+70



STA. 0+50



STA. 0+00

NOTE:
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
(6") Topsoil Stripping = 1,710 Cu. Yds.
Remaining Location = 7,190 Cu. Yds.

TOTAL CUT = 8,900 CU.YDS.
FILL = 4,000 CU.YDS.

EXCESS MATERIAL = 4,900 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,100 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 1,800 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/11/2007

API NO. ASSIGNED: 43-047-39368

WELL NAME: NBU 921-25NT
OPERATOR: KERR-MCGEE OIL & GAS (N2995)
CONTACT: SHEILA UPCHEGO

PHONE NUMBER: 435-781-7024

PROPOSED LOCATION:
SESW 25 090S 210E
SURFACE: 1150 FSL 2607 FWL
BOTTOM: 1150 FSL 2607 FWL
COUNTY: UINTAH
LATITUDE: 40.00296 LONGITUDE: -109.4994
UTM SURF EASTINGS: 628090 NORTHINGS: 4428954
FIELD NAME: NATURAL BUTTES (630)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	DKD	9/17/07
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: UO-01194-ST
SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WSMVD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

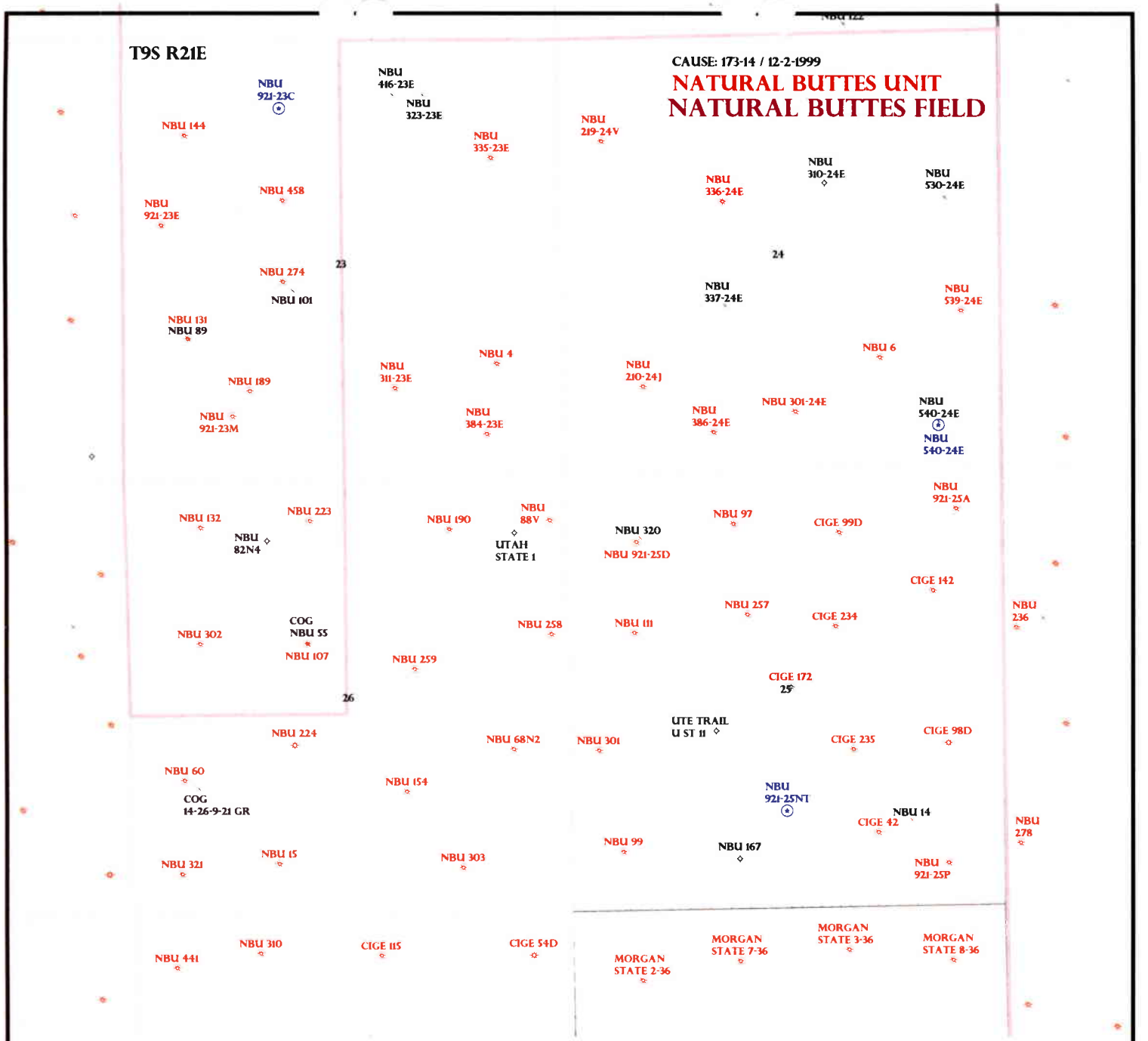
✓ Plat
✓ Bond: Fed[] Ind[] Sta[] Fee[]
(No. 22013542)
N Potash (Y/N)
Y Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 43-8496)
N RDCC Review (Y/N)
(Date:)
NA Fee Surf Agreement (Y/N)
NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: NATURAL BUTTES
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
✓ Drilling Unit
Board Cause No: 173-14
Eff Date: 12-8-99
Siting: Max Usdrg & Uncomm Tracts
___ R649-3-11. Directional Drill

COMMENTS: Sop, Separate file

STIPULATIONS: 1- Federal Approval
2- Oil Shale
3- Statement of Basis



OPERATOR: KERR MCGEE O&G (N9550)

SEC: 23,25 T.9S R. 21E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

CAUSE: 173-14 / 12-2-1999

Field Status
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA MASON
DATE: 14-JUNE-2007

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
496	43-047-39368-00-00		GW	I	No

Operator KERR-MCGEE OIL & GAS ONSHORE, LP **Surface Owner-APD**
Well Name NBU 921-25NT **Unit** NATURAL BUTTES
Field NATURAL BUTTES **Type of Work**
Location SESW 25 9S 21E S 1150 FSL 2607 FWL GPS Coord (UTM) 628090E 4428954N

Geologic Statement of Basis

Kerr McGee proposes to set 2,300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 1,600'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 25. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed surface casing and cement should adequately protect ground water in this area.

Brad Hill 8/9/2007
APD Evaluator **Date / Time**

Surface Statement of Basis

The surface rights at the proposed location are owned by the Ute Indian Tribe. The operator is responsible for obtaining all required permits and rights-of-way prior to making any surface disturbance or drilling the well.

Brad Hill 8/9/2007
Onsite Evaluator **Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Surface	None.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator KERR-MCGEE OIL & GAS ONSHORE, LP
Well Name NBU 921-25NT
API Number 43-047-39368-0 **APD No** 496 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 SESW **Sec** 25 **Tw** 9S **Rng** 21E 1150 FSL 2607 FWL
GPS Coord (UTM) **Surface Owner**

Participants

Regional/Local Setting & Topography

Surface Use Plan

Current Surface Use

New Road Miles	Well Pad Width	Well Pad Length	Src Const Material	Surface Formation

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland

Flora / Fauna

Soil Type and Characteristics

Erosion Issues

Sedimentation Issues

Site Stability Issues

Drainage Diverson Required

Berm Required?

Erosion Sedimentation Control Required?

Paleo Survey Run? **Paleo Potental Observed?** **Cultural Survey Run?** **Cultural Resources?**

Reserve Pit

Site-Specific Factors	Site Ranking
Distance to Groundwater (feet)	
Distance to Surface Water (feet)	
Dist. Nearest Municipal Well (ft)	
Distance to Other Wells (feet)	
Native Soil Type	
Fluid Type	
Drill Cuttings	
Annual Precipitation (inches)	
Affected Populations	
Presence Nearby Utility Conduits	
Final Score	**Sensitivity Level**

Characteristics / Requirements

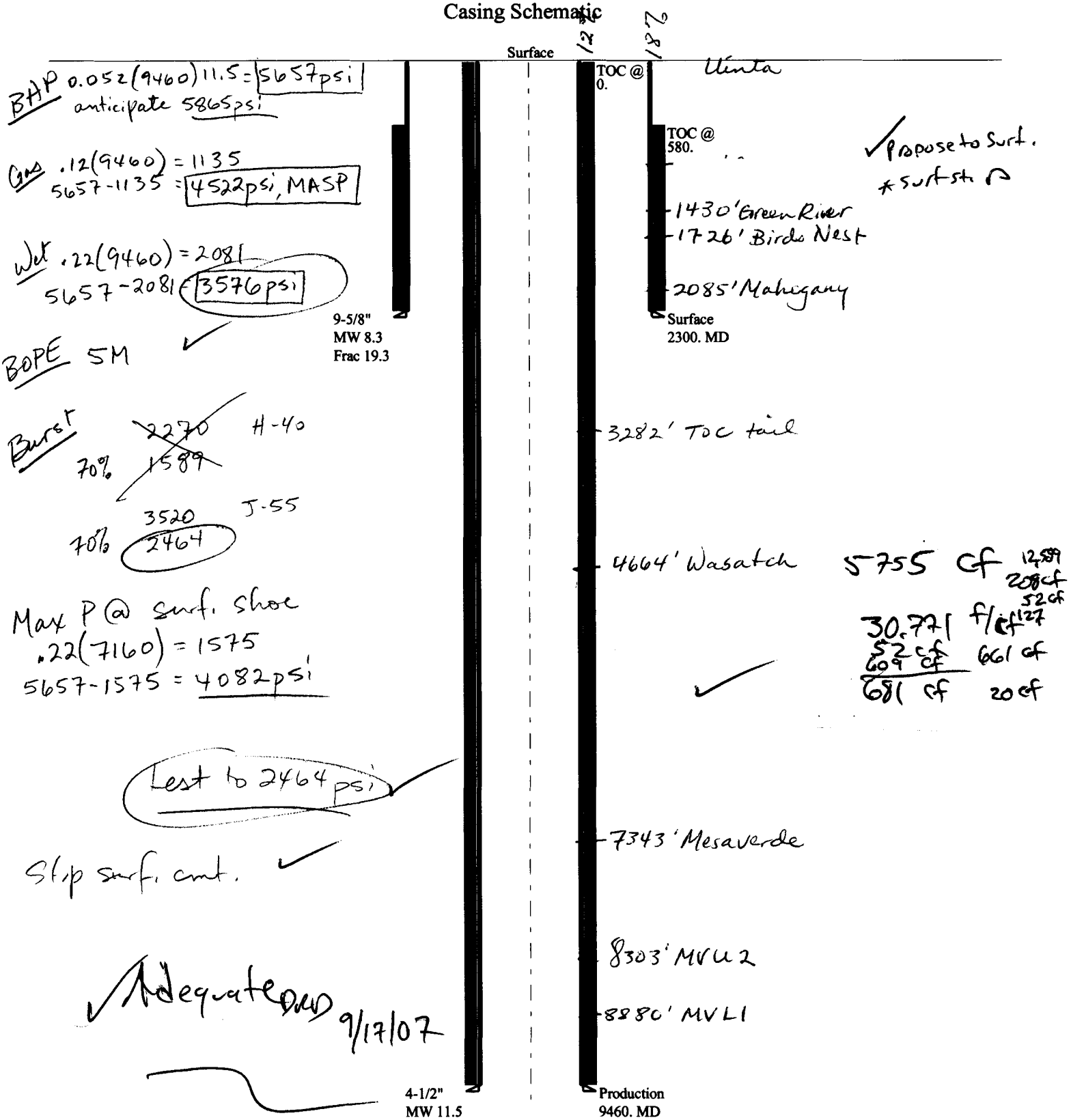
Closed Loop Mud Required?	Liner Required?	Liner Thickness	Pit Underlayment Required?

Other Observations / Comments

Brad Hill	8/9/2007
Evaluator	**Date / Time**

2007-06 Kerr McGee NBU 921-25NT

Casing Schematic



BHP 0.052(9460)11.5 = 5657psi
anticipate 5865psi

Gas .12(9460) = 1135
5657-1135 = 4522psi, MASP

Wtr .22(9460) = 2081
5657-2081 = 3576psi

BOPE 5M

Burst
~~2270~~ H-40
70% ~~1589~~

3520 J-55
70% 2464

Max P @ surf. shoe
.22(7160) = 1575
5657-1575 = 4082psi

Test to 2464 psi

Slip surf. cmt.

Adequate DWD 9/17/07

Proposed to Surf.
* surface

5755 cf
12589
208 cf
52 cf
30.77 f/cf 127
52 cf 609 cf 661 cf
681 cf 20 cf

Well name:	**2007-06 Kerr McGee NBU 921-25NT**
Operator:	**Kerr McGee Oil & Gas Onshore L.P.**
String type:	Surface
Project ID:	43-047-39368
Location:	Uintah County, Utah

Design parameters:

Collapse
Mud weight: 8.300 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 2,024 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,300 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 2,043 ft

Environment:
H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 107 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,400 ft

Cement top: 580 ft

Non-directional string.

Re subsequent strings:
Next setting depth: 9,460 ft
Next mud weight: 11.500 ppg
Next setting BHP: 5,651 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,300 ft
Injection pressure: 2,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
2	1900	9.625	32.30	H-40	ST&C	1900	1900	8.876	839.6
1	400	9.625	36.00	J-55	ST&C	2300	2300	8.796	173.6

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	819	1367	1.668	2252	2270	1.01	67	254	3.82 J
1	992	2020	2.037	2300	3520	1.53	5	394	76.50 J

Prepared by:	Helen Sadik-Macdonald Div of Oil,Gas & Minerals	Phone: (801) 538-5357 FAX: (801) 359-3940	Date: June 29,2007 Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 2300 ft, a mud weight of 8.3 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2007-06 Kerr McGee NBU 921-25NT**
Operator:	**Kerr McGee Oil & Gas Onshore L.P.**
String type:	Production
Project ID:	43-047-39368
Location:	Uintah County, Utah

Design parameters:

Collapse

Mud weight: 11.500 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,570 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 5,651 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 7,834 ft

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 207 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: Surface

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	9460	4.5	11.60	I-80	LT&C	9460	9460	3.875	825.5

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5651	6360	1.125	5651	7780	1.38	91	212	2.33 J

Prepared by: Helen Sadik-Macdonald, Div of Oil,Gas & Minerals — Phone: (801) 538-5357, FAX: (801) 359-3940 — Date: June 29,2007, Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9460 ft, a mud weight of 11.5 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 18, 2007

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2007 Plan of Development Natural Buttes Unit Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2007 within the Natural Buttes Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION

(Proposed PZ Wasatch/MesaVerde)

43-047-39375 NBU 1021-05MT Sec 05 T10S R21E 0745 FSL 0529 FWL
43-047-39376 NBU 1021-11I Sec 11 T10S R21E 2387 FSL 1247 FEL
43-047-39377 NBU 1021-11O Sec 11 T10S R21E 1192 FSL 2437 FEL
43-047-39378 NBU 1021-11N Sec 11 T10S R21E 1258 FSL 1861 FWL
43-047-39379 NBU 1021-11P Sec 11 T10S R21E 0232 FSL 1170 FEL
43-047-39380 NBU 1021-11M Sec 11 T10S R21E 0425 FSL 1318 FWL
43-047-39381 NBU 1021-11J Sec 11 T10S R21E 2252 FSL 2402 FEL
43-047-39383 NBU 1021-12A Sec 12 T10S R21E 0835 FNL 0781 FEL
43-047-39382 NBU 1021-12M Sec 12 T10S R21E 1022 FSL 0329 FWL
43-047-39384 NBU 1021-12N Sec 12 T10S R21E 0677 FSL 2302 FWL
43-047-39385 NBU 1021-12K Sec 12 T10S R21E 1532 FSL 1952 FWL
43-047-39386 NBU 1021-12L Sec 12 T10S R21E 1580 FSL 0196 FWL
43-047-39360 NBU 921-16J Sec 16 T09S R21E 1994 FSL 1660 FEL
43-047-39361 NBU 921-16HT Sec 16 T09S R21E 1858 FNL 1013 FEL
43-047-39362 NBU 921-16MT Sec 16 T09S R21E 1261 FSL 1248 FWL
43-047-39363 NBU 921-17K Sec 17 T09S R21E 2147 FSL 1635 FWL
43-047-39364 NBU 921-17J Sec 17 T09S R21E 1508 FSL 1748 FEL
43-047-39365 NBU 921-20M Sec 20 T09S R21E 0568 FSL 0586 FWL
43-047-39366 NBU 921-20O Sec 20 T09S R21E 1026 FSL 1859 FEL
43-047-39367 NBU 921-23C Sec 23 T09S R21E 0817 FNL 1945 FWL
43-047-39368 NBU 921-25NT Sec 25 T09S R21E 1150 FSL 2607 FWL
43-047-39369 NBU 922-18O Sec 18 T09S R22E 1255 FSL 2083 FEL

43-047-39370 NBU 922-18I Sec 18 T09S R22E 1600 FSL 0901 FEL
43-047-39371 NBU 922-18G Sec 18 T09S R22E 2009 FNL 1936 FEL
43-047-39372 NBU 922-20E Sec 20 T09S R22E 2182 FNL 0452 FWL
43-047-39387 NBU 1022-6B-2 Sec 06 T10S R22E 0160 FNL 2289 FEL
43-047-39389 NBU 1022-24B Sec 24 T10S R22E 1035 FNL 1619 FEL
43-047-39374 NBU 1020-24BT Sec 24 T10S R20E 0914 FNL 1966 FEL
43-047-39373 NBU 1020-01KT Sec 01 T10S R20E 1731 FSL 1834 FWL

Our records indicate the NBU 1022-24B is closer than 460 feet from the Natural Buttes Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Natural Buttes Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:6-18-07

Helen Sadik-Macdonald - Surface Casing changes

From: "Laney, Brad"
To:
Date: 09/07/2007 3:26 PM
Subject: Surface Casing changes
CC: "Upchego, Sheila" , "Worthen, Rebecca"

Helen,

The following wells will have 36# casing run in them for the entire surface casing interval.

NBU 921-16P
NBU 921-16J
NBU 921-16HT
NBU 921-16MT
NBU 921-25NT
NBU 921-34MT

Anadarko is currently in the process of converting all future wells to a 36# surface casing string but we will continue to utilize our existing inventory of 32.3# until sometime in October. All future permits will reflect the changes to the surface casing. If you need any additional paperwork or have any questions, let me know.

Thanks again
Brad

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

September 17, 2007

Kerr McGee Oil and Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: NBU 921-25NT Well, 1150' FSL, 2607' FWL, SE SW, Sec. 25, T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39368.

Sincerely,

K. Michael Hebertson

For Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA
Bureau of Land Management, Vernal Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

Operator: Kerr McGee Oil and Gas Onshore LP

Well Name & Number NBU 921-25NT

API Number: 43-047-39368

Lease: UO-01194-ST

Location: SE SW **Sec.** 25 **T.** 9 South **R.** 21 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0873 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

7. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

5. MINERAL LEASE NO: STUO-01194-ST	6. SURFACE: State
1A. TYPE OF WORK: DRILL ☑ REENTER ☐ DEEPEN ☐	7. IF INDIAN, ALLOTTEE OR TRIBE NAME:
B. TYPE OF WELL: OIL ☐ GAS ☑ OTHER _____ SINGLE ZONE ☐ MULTIPLE ZONE ☑	8. UNIT or CA AGREEMENT NAME: UNIT #891008900A
2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE L.P.	9. WELL NAME and NUMBER: NBU 921-25NT
3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078 / PHONE NUMBER: (435) 781-7024	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1150'FSL, 2607'FWL 4428954X 40.00296 AT PROPOSED PRODUCING ZONE: 4280904 -109.49940	11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S 21E
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 18 +/- MILES SOUTHEAST OF OURAY, UTAH	12. COUNTY: UINTAH / 13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET): 1150' +/-	16. NUMBER OF ACRES IN LEASE: 1082.97 / 17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40.00
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): REFER TO TOPO C	19. PROPOSED DEPTH: 9,460 / 20. BOND DESCRIPTION: RLB0005237
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 4955'GL	22. APPROXIMATE DATE WORK WILL START: / 23. ESTIMATED DURATION:

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT		
12 1/4"	9 5/8	32.3#	H-40	2,300	265 SX CLASS G	1.18	15.6#
7 7/8"	4 1/2	11.6#	I-80	9,460	1940 SX 50/50 POZ	1.31	11.6#

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- ☑ COMPLETE DRILLING PLAN
- ☐ FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE [signature] DATE 11/5/2007

(This space for State use only)

API NUMBER ASSIGNED: 43-047-39368 APPROVAL:

RECEIVED
NOV 14 2007
DIV. OF OIL, GAS & MINING

(11/2001) (See Instructions on Reverse Side)

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 11, T9S, R21E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 6.9 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 5.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEATERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED INA SOUTHEASTERLY DIRECITON APPROXIAMTELY 350' TO THE JUNCTION OF THIS RAOD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 49.0 MILES.

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT

LOCATED IN UINTAH COUNTY, UTAH
SECTION 25, T9S, R21E, S.L.B.&M.

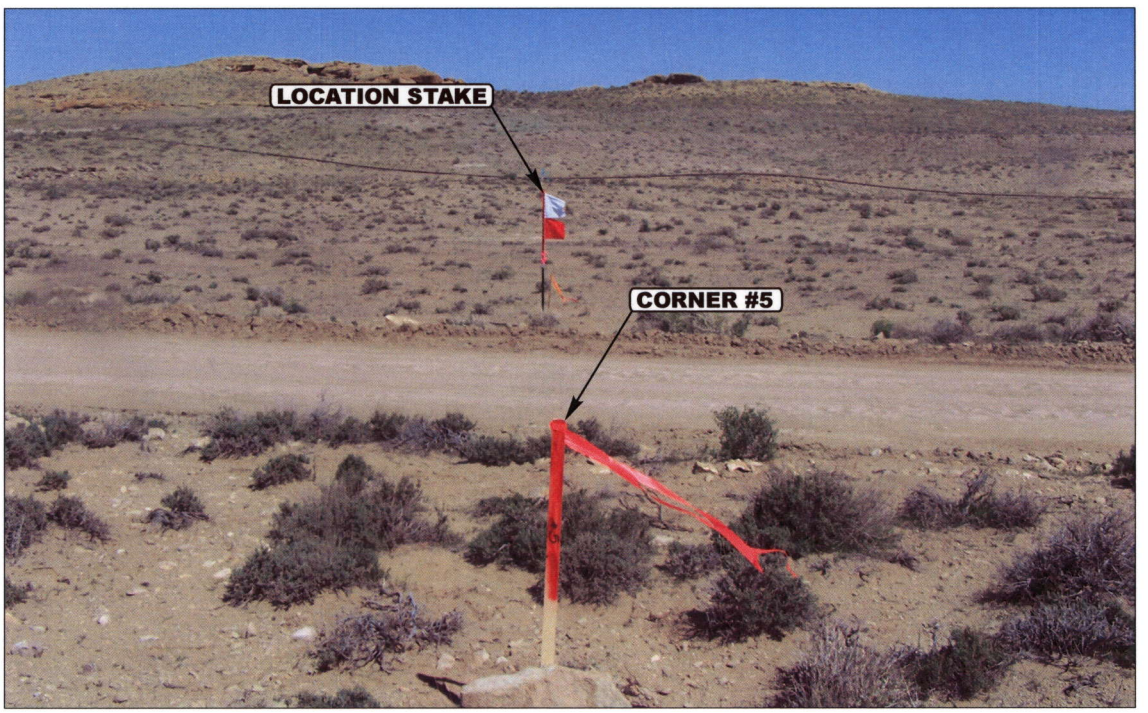


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF EXISTING ACCESS **CAMERA ANGLE: EASTERLY**

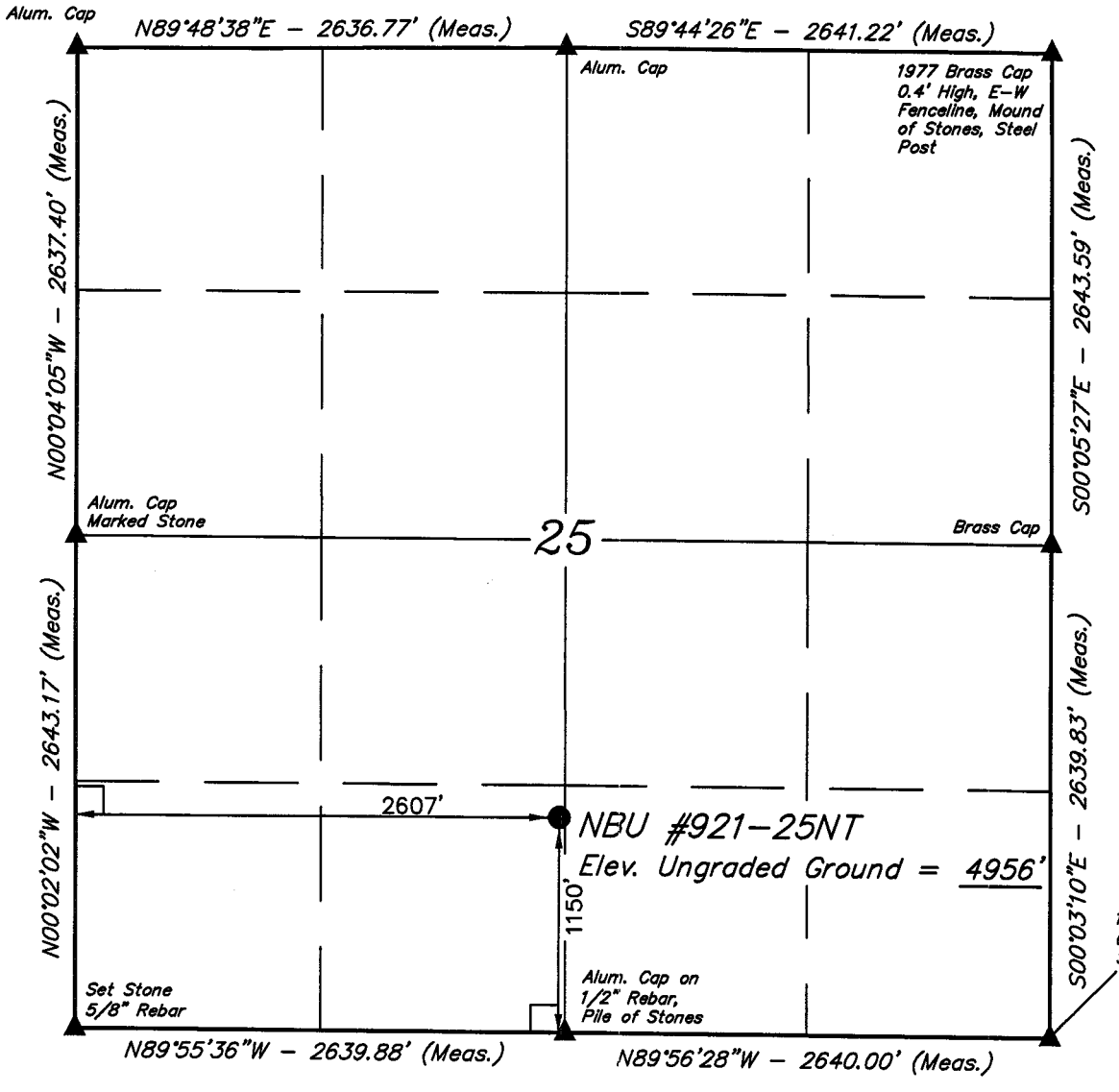
- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS	04 MONTH	10 DAY	07 YEAR	PHOTO
TAKEN BY: L.K.	DRAWN BY: A.A.	REVISED: 00-00-00		

Kerr-McGee Oil & Gas Onshore LP

Well location, NBU #921-25NT, located as shown in the SE 1/4 SW 1/4 of Section 25, T9S, R21E, S.L.B.&M., Uintah County, Utah.

T9S, R21E, S.L.B.&M.

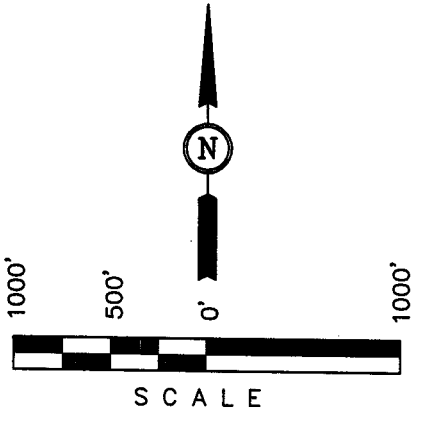


BASIS OF ELEVATION

TWO WATER TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 1, T10S, R21E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN NE QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5238 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°00'10.42" (40.002894)
LONGITUDE = 109°30'00.68" (109.500189)
(NAD 27)
LATITUDE = 40°00'10.55" (40.002931)
LONGITUDE = 109°29'58.21" (109.499503)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 04-03-07	DATE DRAWN: 04-13-07
PARTY: L.K. J.A. C.H.	REFERENCES: G.L.O. PLAT	
WEATHER: COLD	FILE: Kerr-McGee Oil & Gas Onshore LP	

NBU 921-25NT
SE/SW Sec. 25, T9S, R21E
UINTAH COUNTY, UTAH
UT ST UO-01194-ST

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **Estimated Tops of Important Geologic Markers:**

Formation	Depth
Uinta	0- Surface
Green River	1430'
Top of Birds Nest Water	1726'
Mahogany	2085'
Wasatch	4664'
Mesaverde	7343'
MVU2	8303'
MVL1	8880'
TD	9460'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

Substance	Formation	Depth
	Green River	1430'
	Top of Birds Nest Water	1726'
	Mahogany	2085'
Gas	Wasatch	4664'
Gas	Mesaverde	7343'
Gas	MVU2	8303'
Gas	MVL1	8880'
Water	N/A	
Other Minerals	N/A	

3. **Pressure Control Equipment** (Schematic Attached)

Please see the Natural Buttes Unit Standard Operating Procedure (SOP).

4. **Proposed Casing & Cementing Program:**

Please see the Natural Buttes Unit SOP.

5. **Drilling Fluids Program:**

Please see the Natural Buttes Unit SOP.

6. **Evaluation Program:**

Please see the Natural Buttes Unit SOP.

7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 9460' TD, approximately equals 5865 psi (calculated at 0.62 psi/foot).

Maximum anticipated surface pressure equals approximately 3784 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. **Anticipated Starting Dates:**

Drilling is planned to commence immediately upon approval of this application.

9. **Variances:**

Please see Natural Buttes Unit SOP.

10. **Other Information:**

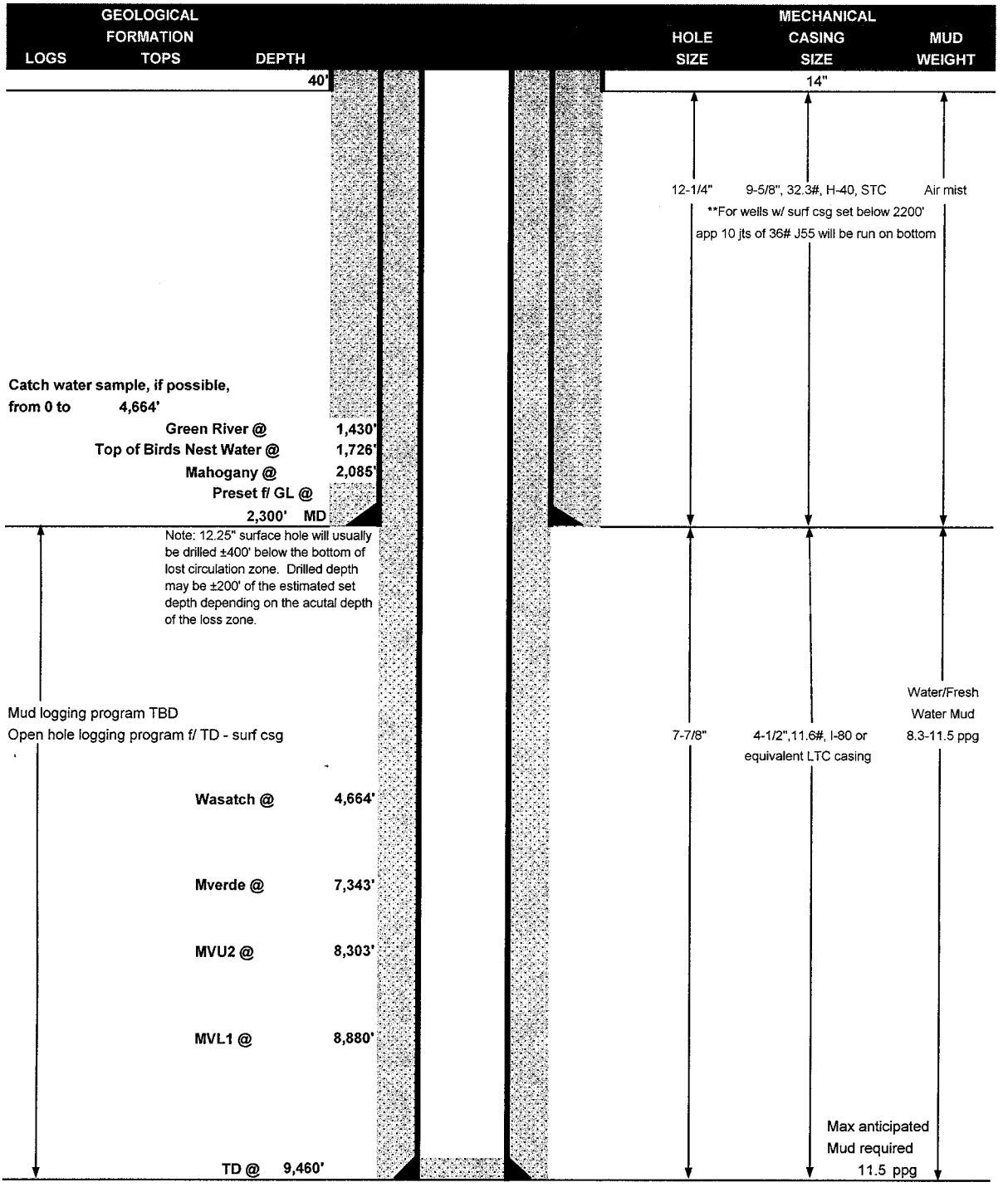
Please see Natural Buttes Unit SOP.

KerrMcGee

KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

COMPANY NAME	KERR-McGEE OIL & GAS ONSHORE LP			DATE	November 8, 2007
WELL NAME	**NBU 921-25NT**			TD	9,460' MD/TVD
FIELD	Natural Buttes	COUNTY Uintah	STATE Utah	ELEVATION	4,955' GL KB 4,970'
SURFACE LOCATION	SESW, SEC 25-T9S-R21E, 1150' FSL 2607' FWL				BHL Straight Hole
	Latitude: 40.002894	Longitude: 109.500189			
OBJECTIVE ZONE(S)	Wasatch/Mesaverde				
ADDITIONAL INFO	Regulatory Agencies: UDOGM SURF & BLM MINERALS, Tri-County Health Dept.				



KERR-McGEE OIL & GAS ONSHORE LP

DRILLING PROGRAM

CASING PROGRAM

	SIZE	INTERVAL			WT.	GR.	CPLG.	DESIGN FACTORS BURST	COLLAPSE	TENSION
CONDUCTOR	14"	0-40'								
								2270	1370	254000
SURFACE	9-5/8"	0	to	1900	32.30	H-40	STC	0.63*******	1.54	3.90
								3520	2020	564000
	9-5/8"	1900	to	2300	36.00	J-55	STC	1.23*******	1.88	8.67
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	9460	11.60	I-80	LTC	2.18	1.12	2.10

1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)

2) MASP (Prod Casing) = Pore Pressure at TD - (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD = 11.5 ppg) .22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP 3576 psi

******* Burst SF is low but csg is stronger than formation at 2300 feet

******* EMW@ 2300 for 2270# is 19.0 ppg or 1.0 psi/ft

CEMENT PROGRAM

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE	LEAD	500	Premium cmt + 2% CaCl + .25 pps flocele	215	60%	15.60	1.18
Option 1							
	TOP OUT CMT (1)	250	20 gals sodium silicate + Premium cmt + 2% CaCl + .25 pps flocele	100		15.60	1.18
	TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE			NOTE: If well will circulate water to surface, option 2 will be utilized				
Option 2	LEAD	2000	Prem cmt + 16% Gel + 10 pps gilsonite + .25 pps Flocele + 3% salt BWOC	230	35%	11.00	3.82
	TAIL	500	Premium cmt + 2% CaCl + .25 pps flocele	180	35%	15.60	1.18
	TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
PRODUCTION	LEAD	4,160'	Premium Lite II + 3% KCl + 0.25 pps celloflake + 5 pps gilsonite + 10% gel + 0.5% extender	460	60%	11.00	3.38
	TAIL	5,300'	50/50 Poz/G + 10% salt + 2% gel +.1% R-3	1480	60%	14.30	1.31

*Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

*Substitute caliper hole volume plus 10% excess for TAIL if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.

BOPE: 11" 5M with one annular and 2 rams. Test to 5,000 psi (annular to 2,500 psi) prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

Most rigs have PVT Systems for mud monitoring. If no PVT is available, visual monitoring will be utilized.

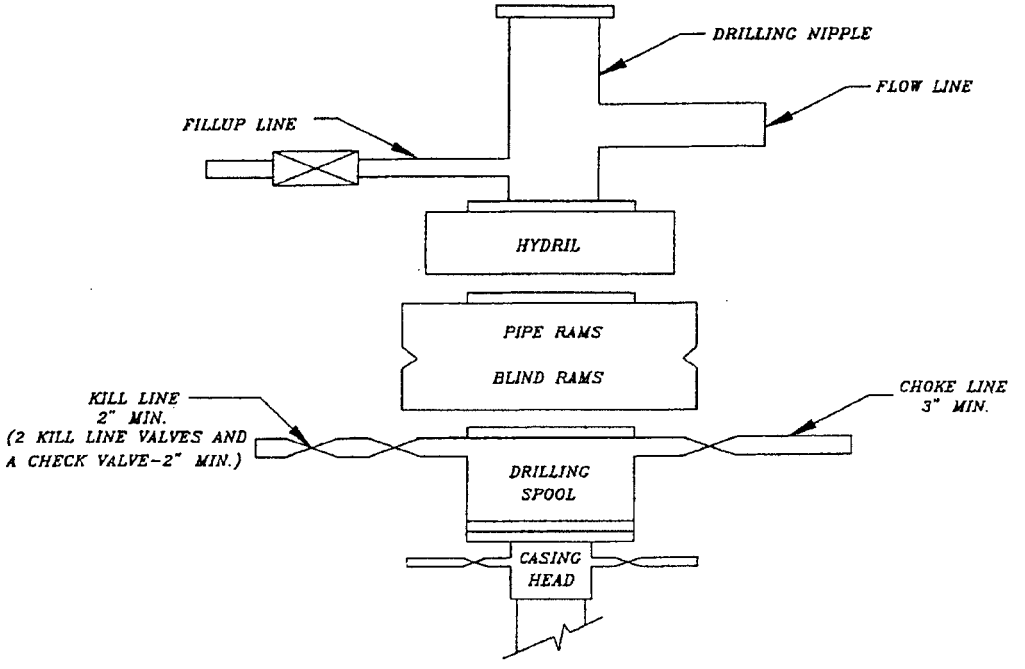
DRILLING ENGINEER: _____ **DATE:** _____

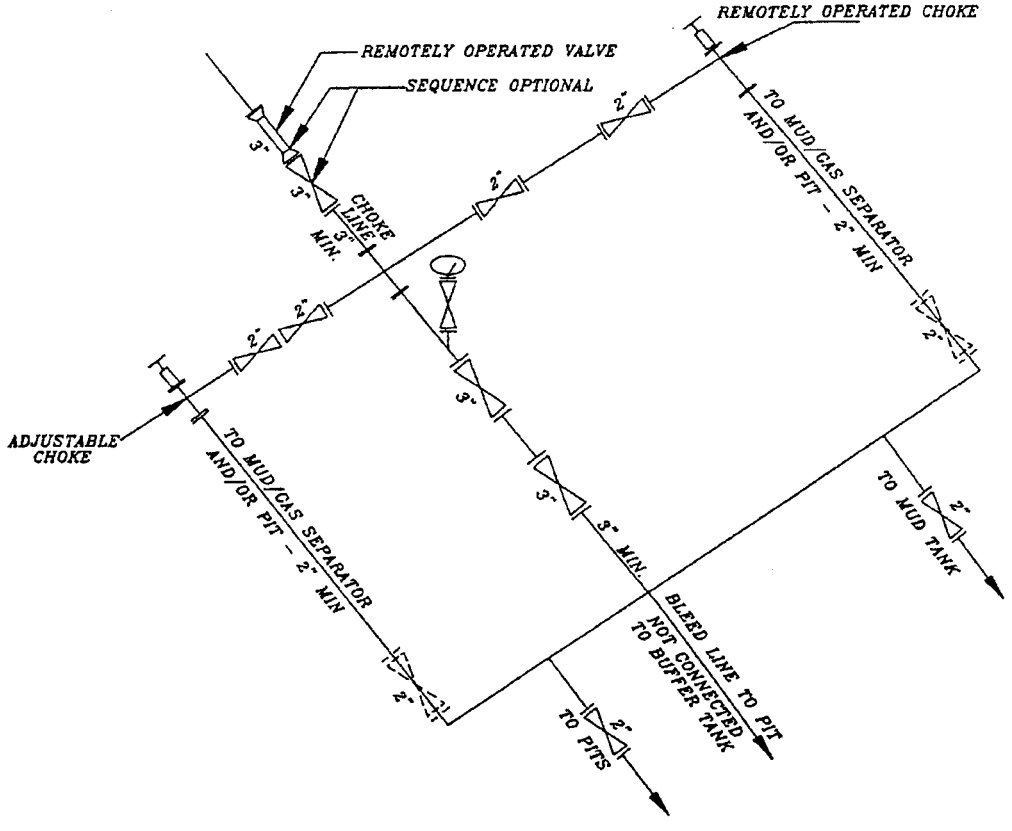
Brad Laney

DRILLING SUPERINTENDENT: _____ **DATE:** _____

Randy Bayne

5M BOP STACK and CHOKE MANIFOLD SYSTEM





NBU 921-25NT
SE/SW SEC. 25, T9S, R21E
Uintah County, UT
UT-ST-UO-01194 ST

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. **Existing Roads:**

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. **Planned Access Roads:**

Approximately 240' +/- of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

3. **Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 526' +/- of 4" steel pipelines is proposed Please refer to the attached Topo Map D for pipeline placement.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 20 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

8. **Ancillary Facilities:**

None are anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

10. **Plans for Reclamation of the Surface:**

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. **Surface Ownership:**

SITLA
675 East 500 South, Suite 500
Salt Lake City, UT 84102

12. **Other Information:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed on January 9, 2007 the archaeological report No. 06-676. The Paleontological report has been completed on April 26, 2007, the report No. 07-10, is submitted along with Application for Permit to Drill.

13. **Lessee's or Operators's Representative & Certification:**

Sheila Upchego
Senior Land Admin Specialist
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East.
Vernal, UT 84078
(435) 781-7024

Randy Bayne
Drilling Manager
Kerr-McGee Oil & Gas Onshore LP
1368 South 1200 East
Vernal, UT 84078
(435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

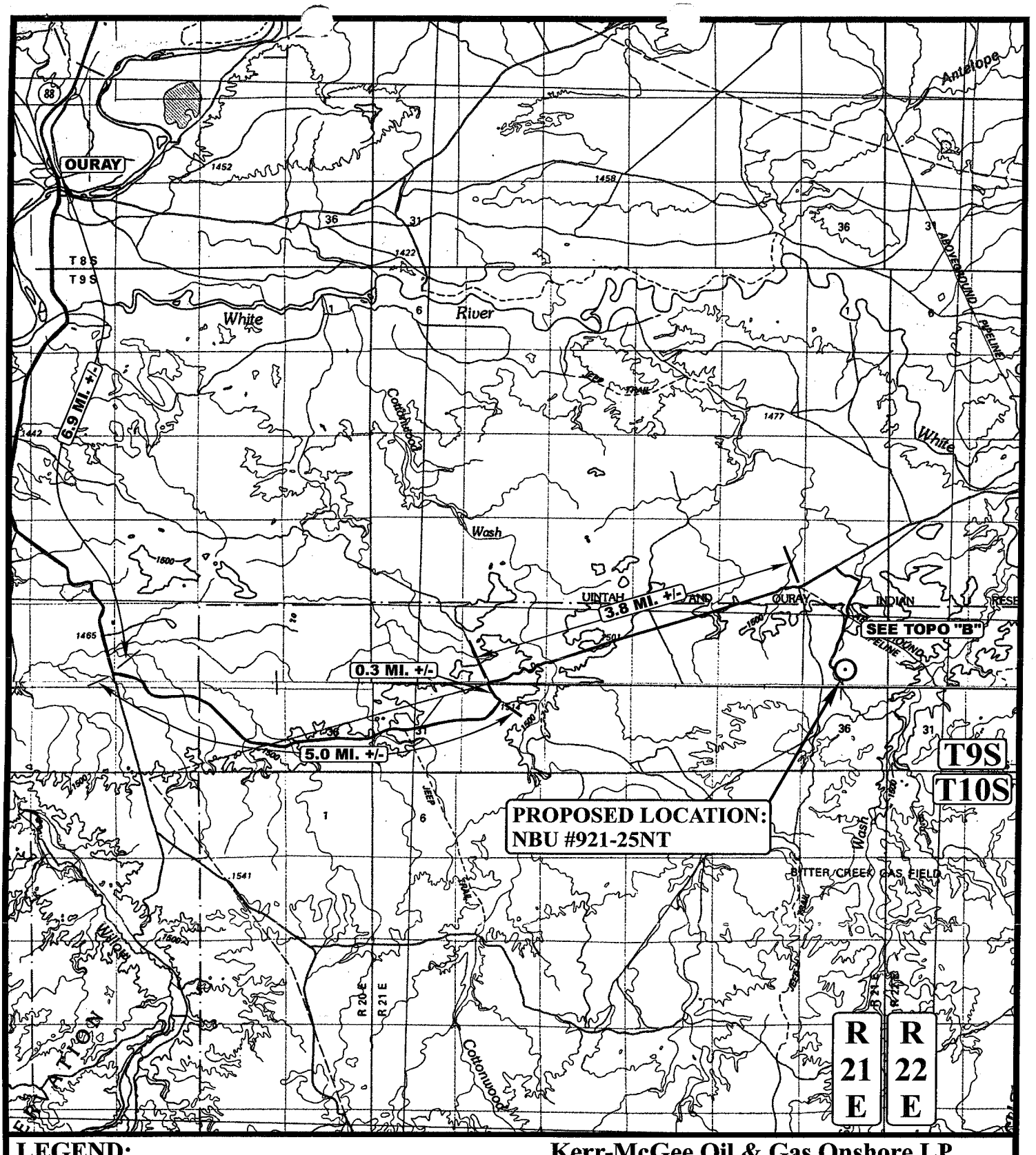
Kerr-McGee Oil & Gas Onshore LP is considered to be the operator of the subject well. Kerr-McGee Oil & Gas Onshore LP agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005237.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Sheila Upchego

6/4/2007
Date



LEGEND:

⊙ PROPOSED LOCATION

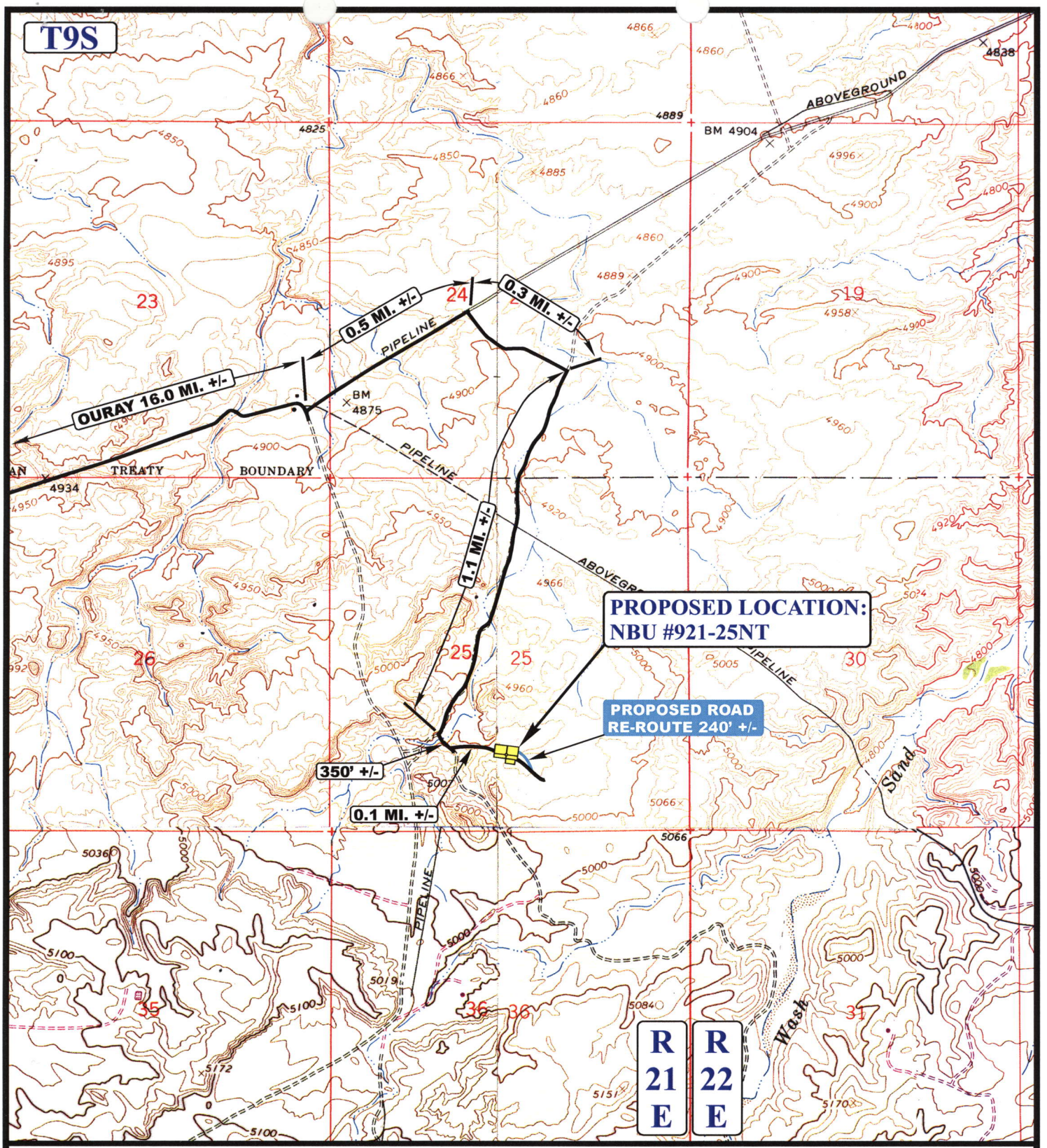
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: A.A.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

PROPOSED ROAD RE-ROUTE

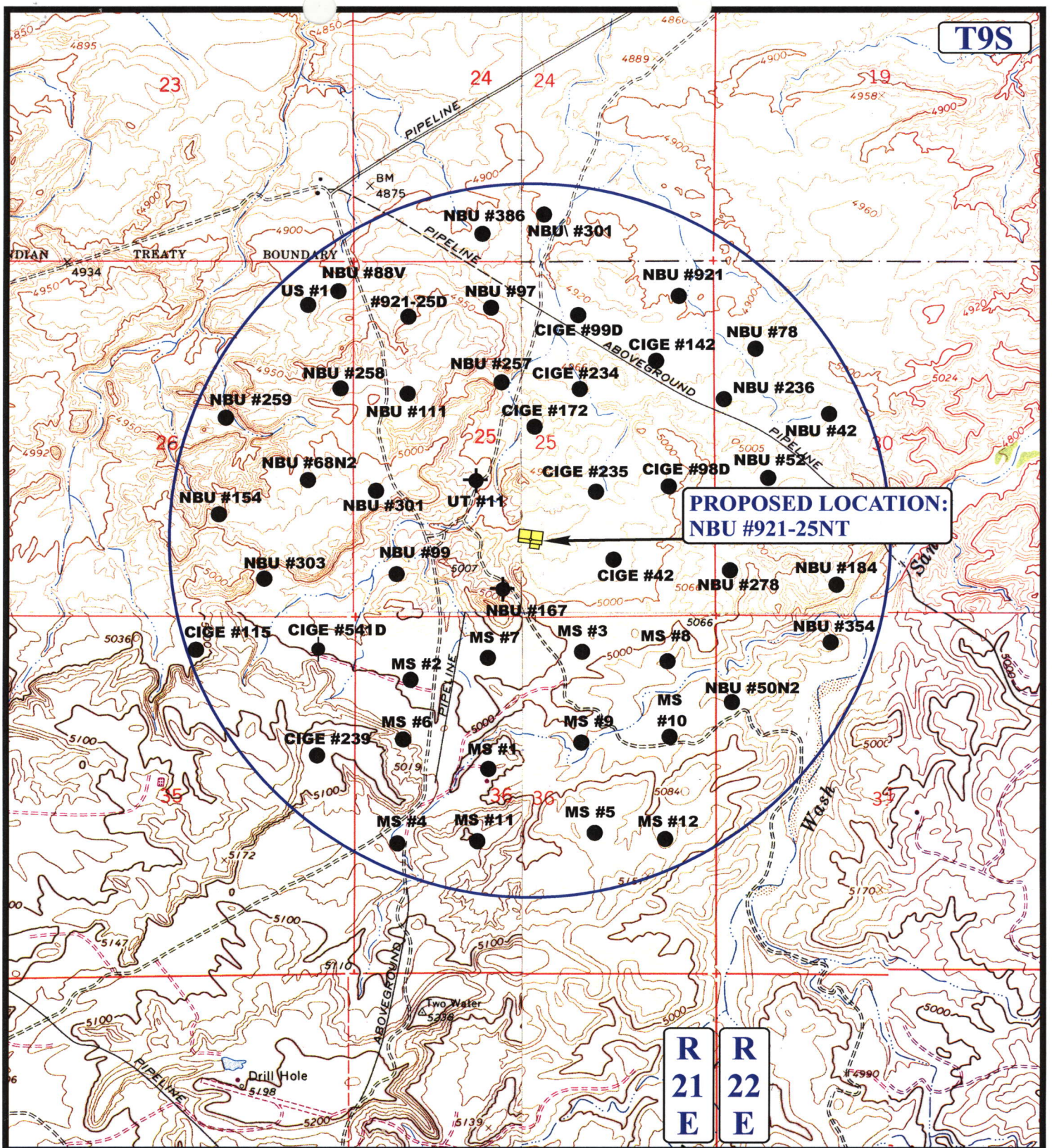
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

UELS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: A.A.	REVISED: 00-00-00		



LEGEND:

- DISPOSAL WELLS
- WATER WELLS
- PRODUCING WELLS
- ABANDONED WELLS
- SHUT IN WELLS
- TEMPORARILY ABANDONED

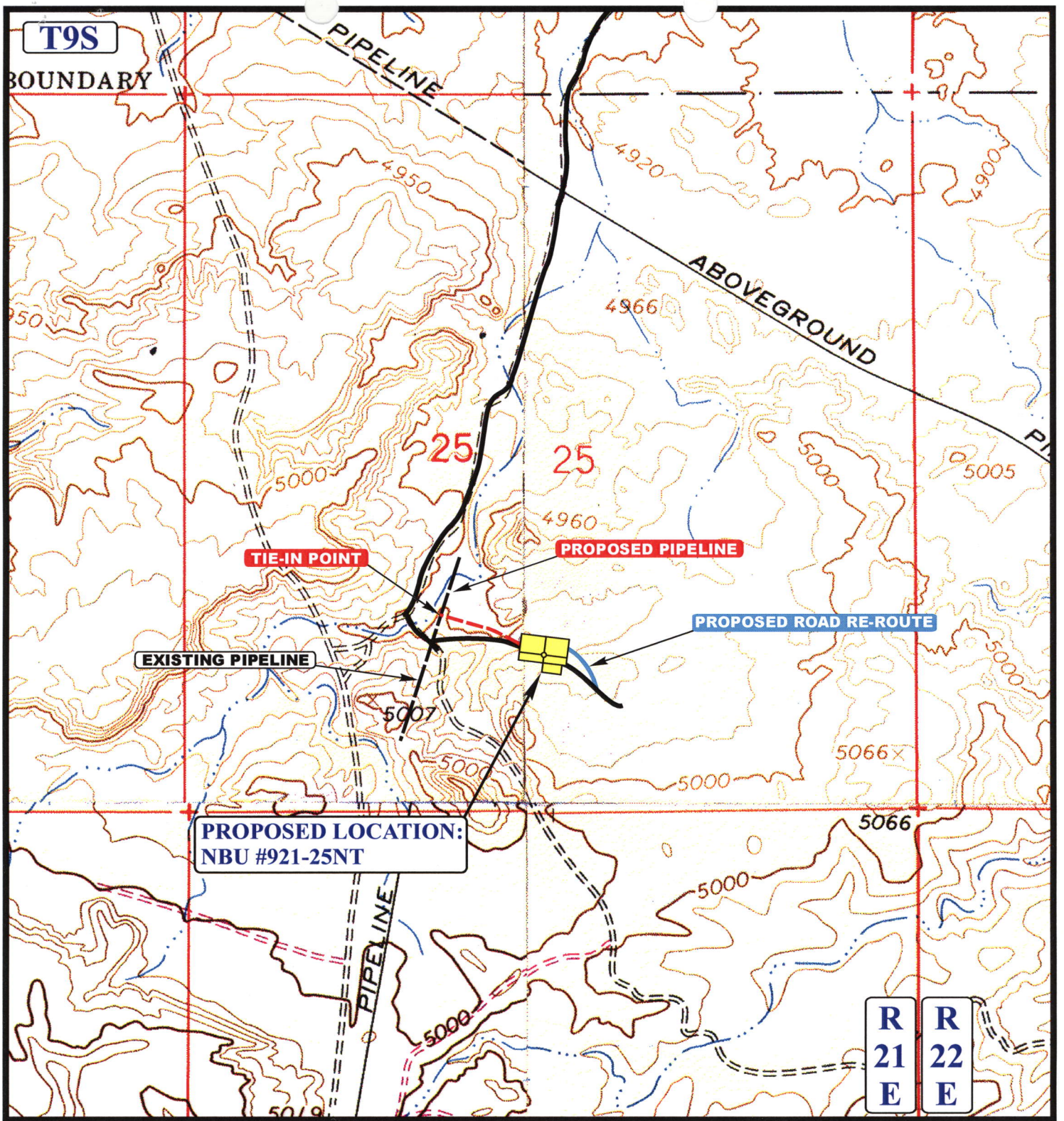
N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: A.A.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 526' +/-

LEGEND:

PROPOSED ACCESS ROAD
PROPOSED ROAD RE-ROUTE
EXISTING PIPELINE
PROPOSED PIPELINE

N

Kerr-McGee Oil & Gas Onshore LP

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL

UELS
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	04 MONTH	10 DAY	07 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: A.A.	REVISED: 00-00-00		

Kerr-McGee Oil and Gas Onshore LP

NBU #921-25NT

PIPELINE ALIGNMENT

LOCATED IN UINTAH COUNTY, UTAH
SECTION 25, T9S, R21E, S.L.B.&M.

PHOTO: VIEW FROM TIE-IN POINT

CAMERA ANGLE: EASTERLY

- Since 1964 -

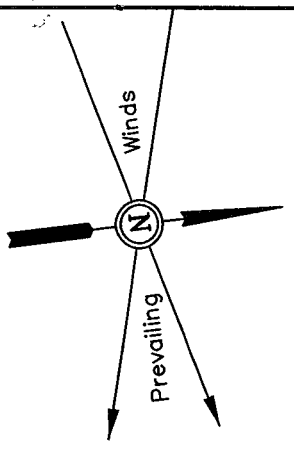
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

PIPELINE PHOTOS	04 MONTH	10 DAY	07 YEAR	PHOTO
TAKEN BY: L.K.	DRAWN BY: A.A.	REVISED: 00-00-00		

Kerr-McGee Oil & Gas Onshore LP

LOCATION LAYOUT FOR

NBU #921-25NT
SECTION 25, T9S, R21E, S.L.B.&M.
1150' FSL 2607' FWL



SCALE: 1" = 50'
DATE: 04-13-07
Drawn By: C.H.

Existing Drainage

C-4.8'
El. 60.0'

F-2.8'
El. 52.4'

Sta. 3+50

Approx. Toe of Fill Slope

58'

C-0.4'
El. 55.6'

180'

Existing Road

Approx. Top of Cut Slope

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.

PIPE TUBS

CATWALK

PIPE RACKS

Existing Drainage

Topsoil Stockpile

Pit Topsoil

FLARE PIT

El. 60.1'
C-14.9'
(btm. pit)

Blooie Line

C-5.9'
El. 61.1'

C-0.6'
El. 55.8'

RIG

135'

Sta. 1+70

70'

10'

58'

C-5.8'
El. 61.0'

MUD TANKS

DOG HOUSE

TOILET

F-2.7'
El. 52.5'

LIGHT PLANT

BOILER

TRAILER

WATER TANK

PUMP HOUSE

MUD TANKS

RESERVE PITS
(10' Deep)

Total Pit Capacity
W/2' of Freeboard
= 9,850 Bbls. ±
Total Pit Volume
= 2,780 Cu. Yds.

150'

15' WIDE BENCH

SLOPE 1 1/2 : 1

Reserve Pit Backfill & Spoils Stockpile

TRASH

170'

C-1.6'
El. 56.8'

Sta. 0+50

PROPANE STORAGE

30'

15' WIDE BENCH

El. 58.6'
C-13.4'
(btm. pit)

C-3.2'
El. 58.4'

Sta. 0+00

F-4.9'
El. 50.3'

C-1.0'
El. 56.2'

Proposed Road Re-Route

FIGURE #1

NOTES:

Elev. Ungraded Ground At Loc. Stake = 4955.8'

FINISHED GRADE ELEV. AT LOC. STAKE = 4955.2'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Kerr-McGee Oil & Gas Onshore LP

FIGURE #2

TYPICAL CROSS SECTIONS FOR

NBU #921-25NT

SECTION 25, T9S, R21E, S.L.B.&M.

1150' FSL 2607' FWL

1" = 20'

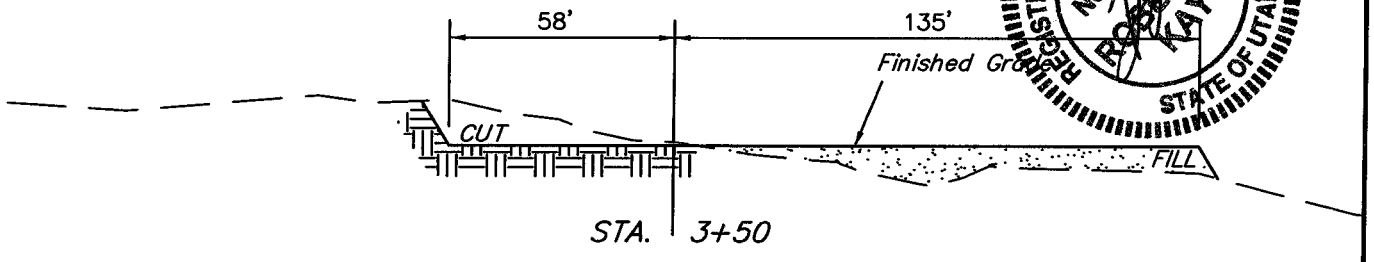
X-Section Scale

1" = 50'

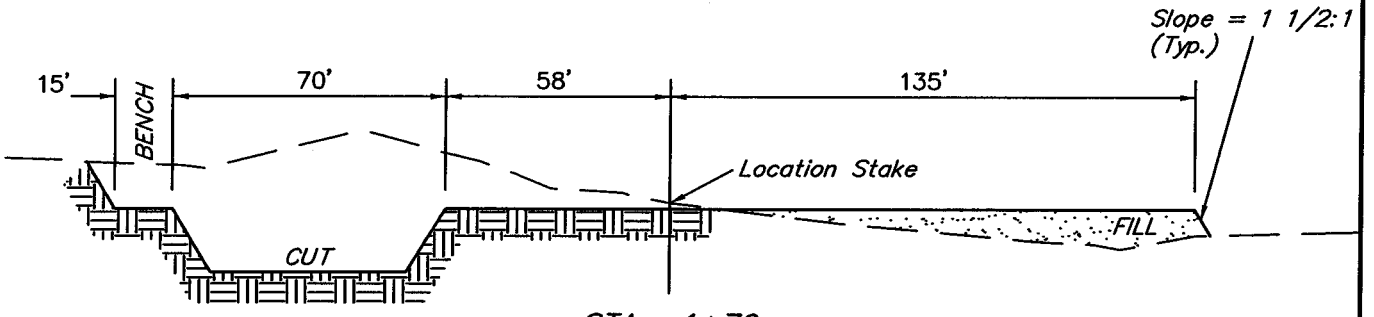
DATE: 04-13-07

Drawn By: C.H.

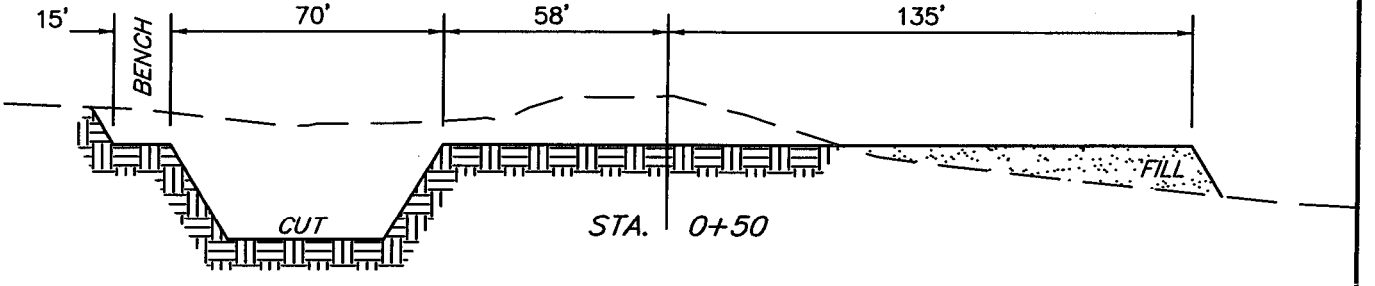
REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH



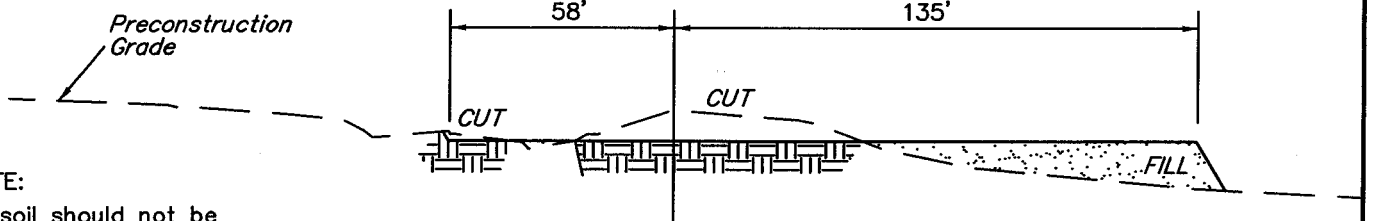
STA. 3+50



STA. 1+70



STA. 0+50



STA. 0+00

NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,710 Cu. Yds.

Remaining Location = 7,190 Cu. Yds.

TOTAL CUT = 8,900 CU.YDS.

FILL = 4,000 CU.YDS.

EXCESS MATERIAL = 4,900 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,100 Cu. Yds.

EXCESS UNBALANCE (After Interim Rehabilitation) = 1,800 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

Application for Permit to Drill
Statement of Basis

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
496	43-047-39368-00-00		GW	I	No

Operator KERR-MCGEE OIL & GAS ONSHO **Surface Owner-APD**
Well Name NBU 921-25NT **Unit** NATURAL BUTTES
Field NATURAL BUTTES **Type of Work**
Location SESW 25 9S 21E S 1150 FSL 2607 FWL GPS Coord (UTM) 628090E 4428954N

Geologic Statement of Basis

Kerr McGee proposes to set 2,300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 1,600'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of section 25. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed surface casing and cement should adequately protect ground water in this area.

Brad Hill 4/9/2008
APD Evaluator **Date / Time**

Surface Statement of Basis

The general area is in the Bitter Creek Gas Field of the Natural Buttes Unit in Uintah County. Principal drainage in the area is Sand Wash. The area is approximately 42 air miles south of Vernal, Utah and approximately 18 miles southeast of Ouray, Utah. Access is by State of Utah Highways, Uintah County and oilfield development roads a distance of 20 miles from Ouray. All roads are in-place. A 240-foot road re-route will be used at the location.

Broad open flats dissected by numerous sub-drainages, which often become steep especially as the wash approaches the White River, characterize topography of the Sand Wash area. The ridges and draws often have exposed sandstone layers. No perennial streams occur in drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

The NBU 921-25NT proposed gas well is located in on a flat which extends south from the toe of a hummocky rocky ridge top. The flat slopes gently to the north. The pad will run in an east-west direction. A shallow draw is to the east then continuing north and will miss the location. One small swale begins within the location and will be filled. No diversion will be required. The distance from the wellhead to the reserve pit will be reduced from 58 to 40 feet to accommodate the smaller rig, which will drill this well. The existing road will continue thru the location but a short re-route will be required to miss the reserve pit. This appears to be a suitable location for constructing a pad, drilling and operating a well and is the only suitable site in the immediate area. The White River is approximately 4 mile down drainage.

Both the surface and minerals are owned by SITLA. Ed Bonner represented SITLA at the pre-site investigation. Mr. Bonner had no concerns pertaining to this location.

Ben Williams represented the UDWR at the pre-site visit. He explained that the area is classified as yearlong critical habitat for antelope. He stated the lack of water not forage is the limiting factor affecting the herd in the area. He did not recommend any restrictions for this species. No other wildlife is expected to be significantly affected. He gave Ed Bonner of SITLA and Rayleen White of Kerr McGee a copy of his wildlife evaluation and a UDWR recommended seed mix to be used when re-vegetating the location.

Floyd Bartlett	4/1/2008
Onsite Evaluator	**Date / Time**

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 20 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator KERR-MCGEE OIL & GAS ONSHO
Well Name NBU 921-25NT
API Number 43-047-39368-0 **APD No** 496 **Field/Unit** NATURAL BUTTES
Location: 1/4,1/4 SESW **Sec** 25 **Tw** 9S **Rng** 21E 1150 FSL 2607 FWL
GPS Coord (UTM) 628081 4428951 **Surface Owner**

Participants

Floyd Bartlett (DOGM), Ed Bonner (SITLA), Rayleen White, Kevin McIntyre, Rammie Hoops and Tony Kzneck (Kerr McGee) and David Kay (Uintah Engineering and Land Surveying), Ben Williams (UDWR).

Regional/Local Setting & Topography

The general area is in the Bitter Creek Gas Field of the Natural Buttes Unit in Uintah County. Principal drainage in the area is Sand Wash. The area is approximately 42 air miles south of Vernal, Utah and approximately 18 miles southeast of Ouray, Utah. Access is by State of Utah Highways, Uintah County and oilfield development roads a distance of 20 miles from Ouray. All roads are in-place. A 240-foot road re-route will be used at the location.

Broad open flats dissected by numerous sub-drainages, which often become steep especially as the wash approaches the White River, characterize topography of the Sand Wash area. The ridges and draws often have exposed sandstone layers. No perennial streams occur in drainage. Individual draws or washes are ephemeral with spring runoff or flows from sometimes-intense summer rainstorms. No springs exist in the area. An occasional constructed pond occurs furnishing water for antelope or livestock.

The NBU 921-25NT proposed gas well is located in on a flat which extends south from the toe of a hummocky rocky ridge top. The flat slopes gently to the north. The pad will run in an east-west direction. A shallow draw is to the east then continuing north and will miss the location. One small swale begins within the location and will be filled. No diversion will be required. The distance from the wellhead to the reserve pit will be reduced from 58 to 40 feet to accommodate the smaller rig, which will drill this well. The existing road will continue thru the location but a short re-route will be required to miss the reserve pit. This appears to be a suitable location for constructing a pad, drilling and operating a well and is the only suitable site in the immediate area. The White River is approximately 4 mile down drainage.

Both the surface and minerals are owned by SITLA.

Surface Use Plan

Current Surface Use
Grazing
Recreational
Wildlfe Habitat

New Road Miles	Well Pad		Src Const Material	Surface Formation
0	**Width** 260	**Length** 350	Onsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Vegetation in the area includes cheatgrass, shadscale, bud sage, black sage, Gardner saltbrush, prickly pear and spring annuals.

Deer, antelope, coyote, rabbits and other small mammals inhabit the area. Cattle may occasionally graze in the area. Various avian species are expected. No raptors are recorded in the UDWR database in the surrounding area.

Soil Type and Characteristics

Surface soils vary from shallow to moderately deep rocky sandy loam.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? Y **Paleo Potental Observed?** N **Cultural Survey Run?** Y **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	300 to 1320	10
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	<10	0
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	30 1 **Sensitivity Level**

Characteristics / Requirements

Pit size is 70' x 150' x 10' deep. It is located in cut in the southeast corner of the location. A 15-foot wide bench will be constructed around the exterior of the pit. A 20 mil liner with an appropriate thickness of felt sub-liner is required.

Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 20 **Pit Underlayment Required?** Y

Other Observations / Comments

Floyd Bartlett	4/1/2008
Evaluator	**Date / Time**

From: Ed Bonner
To: Mason, Diana
Date: 11/29/2007 11:19 AM
Subject: Well Clearance

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

The following wells have been given cultural resources clearance by the Trust Lands Cultural Resources Group:

Delta Petroleum Corporation
Greentown State 36-44S (API 43 019 31522)

Kerr McGee Oil & Gas Onshore LP
NBU 921-25NT (API 43 047 39368)

Newfield Production Company
Ashley State 16-2T-9-15 (API 43 013 33804)
Odekirk Spring State 4-36T-8-17 (API 43 047 39769)
Sundance State 6-32T-8-18 (API 43 047 39770)

Stewart Petroleum Corporation
Cedar Camp 34-15 (API 43 019 31561)
State 35-11 (API 43 019 31557)

If you have any questions regarding this matter please give me a call.

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 17, 2007
Amended April 11, 2008

Kerr McGee Oil and Gas Onshore LP
1368 S 1200 E
Vernal, UT 84078

Re: NBU 921-25NT Well, 1150' FSL, 2607' FWL, SE SW, Sec. 25, T. 9 South, R. 21 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39368.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Office
SITLA

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov

UTAH DNR OIL, GAS & MINING

Operator: Kerr McGee Oil and Gas Onshore LP

Well Name & Number NBU 921-25NT

API Number: 43-047-39368

Lease: UO-01194-ST

Location: SE SW **Sec.** 25 **T.** 9 South **R.** 21 East

Conditions of Approval

1. **General**

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

   The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

   - 24 hours prior to cementing or testing casing – contact Dan Jarvis
   - 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
   - 24 hours prior to spudding the well – contact Carol Daniels
   - Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
   - Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

   The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

   - Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
   - Any changes to the approved drilling plan – contact Dustin Doucet

   The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

   - Dan Jarvis at: (801) 538-5338 office (801) 942-0871 home
   - Carol Daniels at: (801) 538-5284 office
   - Dustin Doucet at: (801) 538-5281 office (801) 733-0983 home

3. **Reporting Requirements**

   All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **Kerr-McGee Oil & Gas Onshore, LP**

Well Name: **NBU 921-25NT**

API No: **43-047-39368** Lease Type: **State**

Section **25** Township **09S** Range **21E** County **Uintah**

Drilling Contractor **Pete Martin Drilling** Rig # **Bucket**

SPUDDED:

Date **5-25-08**

Time **10:00 AM**

How **Dry**

Drilling will Commence:

Reported by **Lew Weldon**

Telephone # **435-781-70605**

Date 5-27-08 **Signed RM**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: KERR McGEE OIL & GAS ONSHORE LP
Operator Account Number: N 2995
Address: 1368 SOUTH 1200 EAST
city VERNAL
state UT zip 84078
Phone Number: (435) 781-7024

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304737381	BONANZA 1023-1D		NWNW	1	10S	23E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	16873	5/26/2008			5/29/08	
Comments: MIRU PETE MARTIN BUCKET RIG. WSMVD SPUD WELL LOCATION ON 05/26/2008 AT 1030 HRS.							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739361	NBU 921-16HT		SENE	16	9S,	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
B	99999	2900	5/24/2008			5/29/08	
Comments: MIRU PETE MARTIN BUCKET RIG. WSMVD SPUD WELL LOCATION ON 05/24/2008 AT 0900 HRS							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304739368	NBU 921-25NT		SESW	25	9S	21E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
B	99999	2900	5/25/2008			5/29/08	
Comments: MIRU PETE MARTIN BUCKET RIG. WSMVD SPUD WELL LOCATION ON 05/25/2008 AT 1000 HRS.							

ACTION CODES:
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

SHEILA UPCHEGO
Name (Please Print)
Signature
SENIOR LAND SPECIALIST 5/28/2008
Title Date

RECEIVED
MAY 28 2008
DIV. OF OIL, GAS & MINING

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01194-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: UNIT #891008900A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER: 4304739368

3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7024

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1150'FSL, 2607'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: WELL SPUD
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 05/25/2008 AT 1000 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE Sheila Upchego DATE 5/28/2008

(This space for State use only)

RECEIVED
JUN 09 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01194-ST

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: UNIT #891008900A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER: 4304739368

3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7024

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1150'FSL, 2607'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: SET SURFACE CSG
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

MIRU PROPETRO AIR RIG ON 05/29/2008. DRILLED 12 1/4" SURFACE HOLE TO 2370'. RAN 9 5/8" 36# J-55 SURFACE CSG. LEAD CMT W/300 SX PREM CLASS G @15.8 PPG 1.15 YIELD. TAILED CMT W/150 SX PREM CLASS G @15.8 PPG 1.15 YIELD. NO RETURNS TO PIT 190 PSI LIFT. TOP OUT W/200 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE GOOD CMT TO SURFACE HOLE STAYED FULL.

WORT

RECEIVED
JUN 09 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE DATE 6/4/2008

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01194-ST

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: UNIT #891008900A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER: 4304739368

3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7024

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1150'FSL, 2607'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: FINAL DRILLING OPERATIONS
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

FINISHED DRILLING FROM 2370' TO 9393' ON 06/24/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/300 SX PREM LITE II @11.0 PPG 3.38 YIELD. TAILED CMT W/1300 SX 50/50 POZ @14.3 PPG 1.31 YIELD. DROP PLUG & DISPLACE W/144.6 BBLS WATER & BUMP PLUG W/500 OVER FINAL CIRC PSI OF 2320 & PLUG HELD LOST RETURNS 65 BBLS INTO DISPLACEMENT SET CSG HANGER W/80K STRING WT THE HANGER WONT TEST PMP & PACKED HANGER TEST OK WASH AND CLEAN OUT MUD TANKS.

RELEASED ENSIGN RIG 83 ON 06/25/2008 AT 1900 HRS.

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE SENIOR LAND ADMIN SPECIALIST

SIGNATURE DATE 6/26/2008

(This space for State use only)

RECEIVED
JUN 30 2008
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01194-ST

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: UNIT #891008900A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER _____

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER: 4304739368

3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7024

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1150'FSL, 2607'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: _____	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion: _____	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: PRODUCTION START-UP
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 08/09/2008 AT 10:00 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

RECEIVED
AUG 13 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST

SIGNATURE _____ DATE 8/11/2008

(This space for State use only)

(5/2000) (See Instructions on Reverse Side)

Wins No.: 94970

NBU 921-25NT

Well Operations Summary Long

Operator	FIELD NAME	SPUD DATE	GL	KB	ROUTE
KERR MCGEE OIL & GAS ONSHORE LP	NATURAL BUTTES	05/25/2008	4,955	4972	

API	STATE	COUNTY	DIVISION
4304739368	UTAH	UINTAH	ROCKIES

Long/Lat.: 40.00289 / -109.50019 **Q-Q/Sect/Town/Range:** SESW / 25 / 9S / 21E **Footages:** 1,150.00' FSL 2,606.99' FWL

Wellbore: NBU 921-25NT

MTD	TVD	PBMD	PBTVD
9,393	9,389	9,298	

EVENT INFORMATION: EVENT ACTIVITY: DRILLING START DATE: 5/25/2008 AFE NO.: 2008187
OBJECTIVE: DEVELOPMENT END DATE: 6/25/2008
OBJECTIVE 2: VERTICAL WELL DATE WELL STARTED PROD.:
REASON: MV Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
ENSIGN 83 / 83	06/13/2008	06/12/2008	06/12/2008	06/15/2008	06/24/2008	06/25/2008	06/27/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
5/25/2008	SUPERVISOR: LEW WELDON						MD: 57
	10:00 - 15:00	5.00	DRLCON	02		P	MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 1000 HR 5/25/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 83 BLM AND STATE NOTFIED OF SPUD
5/28/2008	SUPERVISOR: LEW WELDON						MD: 150
	23:00 - 0:00	1.00	DRLSUR	02		P	MOVE IN AND RIG UP AIR RIG SPUD WELL @ 2300 HR 5/29/08 DA AT REPORT TIME 150'
5/29/2008	SUPERVISOR: LEW WELDON						MD: 1,320
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 870'
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD NO WATER 1320'
5/30/2008	SUPERVISOR: LEW WELDON						MD: 1,770
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD HIT TRONA WATER @ 1580' DA
	12:00 - 0:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD HIT ANOTHER TRONA ZONE @ 1610' CIRCULATING WITH SKID PUMP 1770'
5/31/2008	SUPERVISOR: LEW WELDON						MD: 2,370
	0:00 - 12:00	12.00	DRLSUR	02		P	RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 2160'
	12:00 - 23:00	11.00	DRLSUR	02		P	RIG T/D @ 2370' CONDITION HOLE 1 HR
	23:00 - 0:00	1.00	DRLSUR	05		P	TRIP DP OUT OF HOLE

6/1/2008	SUPERVISOR: LEW WELDON							MD: 2,370
	0:00 - 3:00	3.00	DRLSUR	05		P	FINISH TRIPPING OUT OF HOLE LEFT 2 8" COLLARS AND TRICONE IN HOLE	
	3:00 - 20:00	17.00	DRLSUR	16		Z	FISH COLLARS	
	20:00 - 0:00	4.00	DRLSUR	05		P	RETRIVE FISH LLDS PREPAIR TO RUN CSG	
6/2/2008	SUPERVISOR: LEW WELDON							MD: 2,370
	0:00 - 2:00	2.00	DRLSUR	05		P	TRIP DP OUT OF HOLE	
	2:00 - 6:00	4.00	DRLSUR	11		P	RUN 2323' OF 9 5/8 CSG AND RIG DOWN AIR RIG	
	6:00 - 7:00	1.00	DRLSUR	15		P	CEMENT 1ST STAGE WITH 300 SKS TAIL @ 15.8# 1.15 5.0 GAL/SK NO RETURNS TO PIT 190 PSI LIFT	
	7:00 - 7:30	0.50	DRLSUR	15		P	1ST TOP JOB 150 SKS DOWN BS WOC	
	7:30 - 10:00	2.50	DRLSUR	15		P	2ND TOP JOB 200 SKS DOWN BS GOOD CMT TO SURFACE AND STAYED AT SURFACE	
	10:00 - 10:00	0.00	DRLSUR				NO VISIBLE LEAKS PIT 1/4 FULL WORT	
6/12/2008	SUPERVISOR: LEW WELDON							MD: 2,370
	14:00 - 0:00	10.00	DRLPRO	01	E	P	RDRT	
6/13/2008	SUPERVISOR: STUART NEILSON							MD: 2,370
	0:00 - 7:00	7.00	DRLPRO	01	E	P	RDRT	
	7:00 - 16:00	9.00	DRLPRO	01	A	P	MOVE RIG TO NBU 921-25NT W/ JONES	
	16:00 - 0:00	8.00	DRLPRO	01	B	P	RURT	
6/14/2008	SUPERVISOR: STUART NEILSON							MD: 2,370
	0:00 - 9:00	9.00	DRLPRO	01	B	P	RURT	
	9:00 - 11:30	2.50	DRLPRO	13	A	P	N/U BOP	
	11:30 - 17:00	5.50	DRLPRO	13	C	P	TEST ALL RAMS & VALVES TO 250 LOW - 5000 HIGH,2500 ANN, 1500 CASING, INSTALL WEAR	

	17:00 - 22:30	5.50	DRLPRO	05	A	P	HPJSM W/P/U & RIG CREWS - R/U & P/U BHA, TORQUE KELLY, INSTALL SPINNERS, ROT RUBBER & DRIVE BUSHINGS, P/U D/P TAG CEMENT @ 2200', R/U P/U CREW
	22:30 - 0:00	1.50	DRLPRO	02	F	P	DRLG CEMENT & F/E

6/15/2008 SUPERVISOR: STUART NEILSON MD: 3,700

	0:00 - 1:00	1.00	DRLPRO	02	F	P	DRLG CEMENT & F/E
	1:00 - 1:30	0.50	DRLPRO	09	A	P	SURVEY @ 2370, .68 DEG
	1:30 - 8:00	6.50	DRLPRO	02	B	P	DRLG F/ 2370 TO 2894 524' @ 80.6' PH W/ 8.3 PPG 27 VIS
	8:00 - 8:30	0.50	DRLPRO	09	A	P	SURVEY @ 2819 1.44 DEG
	8:30 - 13:00	4.50	DRLPRO	02	B	P	DRLG F/ 2894 TO 3174 280' @ 62.2' PH W/ 8.5 PPG 32 VIS
	13:00 - 13:30	0.50	DRLPRO	06	A	P	SERVICE RIG
	13:30 - 17:00	3.50	DRLPRO	02	B	P	DRLG F/ 3174 TO 3387 213' @ 60.6' PH W/ 8.8 PPG 32 VIS
	17:00 - 17:30	0.50	DRLPRO	09	A	P	SURVEY @ 3312 2.01 DEG
	17:30 - 0:00	6.50	DRLPRO	02	B	P	DRLG F/ 3387 TO 3700 313' @ 48.2' PH W/ 9.8 PPG - 42 VIS

6/16/2008 SUPERVISOR: STUART NEILSON MD: 4,970

	0:00 - 4:00	4.00	DRLPRO	02	B	P	DRLG F/ 3700 TO 3883 183' @ 45.8' PH W/ 9.8 PPG - 45 VIS
	4:00 - 4:30	0.50	DRLPRO	09	A	P	SURVEY @ 3811 1.40 DEG
	4:30 - 12:00	7.50	DRLPRO	02	B	P	DRLG F/ 3883 TO 4441 558' @ 74.4' PH W/ 9.8 PPG - 42 VIS
	12:00 - 12:30	0.50	DRLPRO	09	A	P	SURVEY @ 4366 2.10 DEG
	12:30 - 14:00	1.50	DRLPRO	02	B	P	DRLG F/ 4441 TO 4564 123' @ 82' PH W/ 9.8 PPG - 42 VIS
	14:00 - 14:30	0.50	DRLPRO	06	A	P	SERVICE RIG
	14:30 - 22:00	7.50	DRLPRO	02	B	P	DRLG F/ 4564 TO 4903 339' @ 45.2' PH W/ 10.0 PPG - 42 VIS

	22:00 - 22:30	0.50	DRLPRO	09	A	P	SURVEY @ 4828 2.25 DEG
	22:30 - 0:00	1.50	DRLPRO	02	B	P	DRLG F/ 4903 TO 4970 67' @ 44.6' PH W/ 10.2 PPG - 42 VIS
6/17/2008	SUPERVISOR: STUART NEILSON						MD: 5,775
	0:00 - 6:00	6.00	DRLPRO	02	B	P	DRLG F/ 4970 TO 5197 227' @ 37.8' PH W/ 10.2 PPG - 42 VIS, LOST RETURNS @ 5197
	6:00 - 7:30	1.50	DRLPRO	04	D	X	LOST RETURNS, MIX LCM, GAIN FULL RETURNS, BUILD VOLUME, LOST @ 200 BBLS TO FORMATION
	7:30 - 12:30	5.00	DRLPRO	02	B	P	DRLG F/ 5197 TO 5334 137' @ 27.4' PH W/ 10.2 PPG - 42 VIS
	12:30 - 13:00	0.50	DRLPRO	06	A	P	SERVICE RIG
	13:00 - 15:30	2.50	DRLPRO	02	B	P	DRLG F/ 5334 TO 5424 90' @ 36' PH W/ 10.2 PPG - 42 VIS
	15:30 - 16:00	0.50	DRLPRO	09	A	P	SURVEY @ 5350 1.71 DEG
	16:00 - 0:00	8.00	DRLPRO	02	B	P	DRLG F/ 5424 TO 5775 351' @ 43.9' PH W/ 10.2 PPG - 42 VIS
6/18/2008	SUPERVISOR: STUART NEILSON						MD: 6,421
	0:00 - 0:30	0.50	DRLPRO	02	B	P	DRLG F/ 5775 TO 5790 15' @ 30' PH W/ 10.2 PPG - 42 VIS
	0:30 - 2:00	1.50	DRLPRO	04	D	X	LOST RETURNS, MIX LCM, GAIN RETURNS, BUILD VOLUME LOST @ 500 BBLS
	2:00 - 3:00	1.00	DRLPRO	02	B	P	DRLG F/ 5790 TO 5821 31' @ 31' PH W/
	3:00 - 6:00	3.00	DRLPRO	04	D	P	BUILD VOLUME, RAISE LCM TO 10%
	6:00 - 14:30	8.50	DRLPRO	02	B	P	DRLG F/ 5821 TO 6097 276' @ 32.5' PH W/ 10.5 PPG - 42 VIS - 10% LCM
	14:30 - 15:00	0.50	DRLPRO	06	A	P	SERVICE RIG
	15:00 - 0:00	9.00	DRLPRO	02	B	P	DRLG F/ 6097 TO 6421 324' @36' PH W/ 10.5 PPG - 42 VIS - 7% LCM
6/19/2008	SUPERVISOR: STUART NEILSON						MD: 7,064
	0:00 - 5:00	5.00	DRLPRO	02	B	P	DRLG F/ 6421 TO 6497 76' @ 15.2' PH W/ 10.5 PPG - 42 VIS - 5% LCM

	5:00 - 13:30	8.50	DRLPRO	05	A	P	TFNB, TIGHT @ 4600'
	13:30 - 0:00	10.50	DRLPRO	02	B	P	DRLG F/ 6497 TO 7064 567' @ 54' PH W/ 10.9 PPG - 43 VIS - 7% LCM
6/20/2008	SUPERVISOR: STUART NEILSON						MD: 7,577
	0:00 - 13:00	13.00	DRLPRO	02	B	P	DRLG F/ 7064 TO 7485 421' @ 32.9' PH W/ 11 PPG - 42 VIS - 10% LCM
	13:00 - 13:30	0.50	DRLPRO	06	A	P	SERVICE RIG
	13:30 - 18:00	4.50	DRLPRO	02	B	P	DRLG F/ 7485 TO 7577 92' @ 23' PH W/ 11 PPG - 42 VIS - 10% LCM
	18:00 - 0:00	6.00	DRLPRO	05	A	P	TFNB & MM
6/21/2008	SUPERVISOR: STUART NEILSON						MD: 8,391
	0:00 - 3:00	3.00	DRLPRO	05	A	P	TFNB & MM
	3:00 - 11:00	8.00	DRLPRO	02	B	P	DRLG F/ 7577 TO 7887 310' @ 38.7' PH W/ 11.1 PPG - 45 VIS - 8% LCM
	11:00 - 11:30	0.50	DRLPRO	09	A	P	SURVEY @ 7887 1.69 DEG
	11:30 - 15:00	3.50	DRLPRO	02	B	P	DRLG F/ 7887 TO 8008 121' @ 34.6' PH W/ 11.1 PPG - 42 VIS - 8% LCM
	15:00 - 15:30	0.50	DRLPRO	06	A	P	SERVICE RIG
	15:30 - 0:00	8.50	DRLPRO	02	B	P	DRLG F/ 8008 TO 8391 383' @ 45' PH W/ 11.1 PPG - 43 VIS - 8% LCM
6/22/2008	SUPERVISOR: STUART NEILSON						MD: 8,743
	0:00 - 14:30	14.50	DRLPRO	02	B	P	DRLG F/ 8391 TO 8743 352' @ 24.3' PH W/ 11.5 PPG - 45 VIS - 8% LCM
	14:30 - 0:00	9.50	DRLPRO	05			TFNB
6/23/2008	SUPERVISOR: STUART NEILSON						MD: 9,307
	0:00 - 13:30	13.50	DRLPRO	02	B	P	DRLG F/ 8743 TO 9117 374' @ 27.7' PH W/ 11.6PPG - 46 VIS - 8% LCM
	13:30 - 14:00	0.50	DRLPRO	06	A	P	SERVICE RIG

	14:00 - 0:00	10.00	DRLPRO	02	B	P	DRLG F/ 9117 TO 9307 190' @ 19' PH W/ 11.6 PPG - 50 VIS - 8% LCM
6/24/2008	SUPERVISOR: SID ARMSTRONG						MD: 9,393
	0:00 - 6:00	6.00	DRLPRO	02	B	P	DRILL F/ 9307 TO 9393 - 86' @ 14.3 FPH W/ 11.6 PPG
	6:00 - 8:00	2.00	DRLPRO	04	A	P	CIRC BTM UP
	8:00 - 10:00	2.00	DRLPRO	05	E	P	SHORT TRIP
	10:00 - 12:30	2.50	DRLPRO	04	A	P	CIRC BTM UP & R/U LAYDOWN MACHINE
	12:30 - 20:00	7.50	DRLPRO	05	B	P	HELD SAFETY MEETING &.D.D.P & DC'S & WEAR RING
	20:00 - 0:00	4.00	DRLPRO	08	A	P	HELD SAFETY MEETING & R/U BAKER ATLAS WIRELINE & RUN TRIPLE COMBO F/ LOGS @ 9390 LOGGERS DEPTH.
6/25/2008	SUPERVISOR: SID ARMSTRONG						MD: 9,393
	0:00 - 2:00	2.00	DRLPRO	08	A	P	CONT. LOGGING W/ BAKER ATLAS
	2:00 - 10:00	8.00	DRLPRO	11	B	P	R/U CASING CREW & RUN 221 JTS 4 1/2 PROD CASING & SET @ 9352
	10:00 - 11:00	1.00	DRLPRO	04	A	P	CIRC BTM UP
	11:00 - 14:00	3.00	DRLPRO	15	A	P	HELD SAFETY MEETING & R/U BJ & CEMENT W/ 20 BBLS MUD CLEAN & 20 SKS SCAVENGER 9.5 PPG YIELD 8.45 & LEAD 300 SKS 11.0 PPG YIELD 3.38 & F/ TAIL 1300 SKS 14.3 PPG YIELD 1.31 & DROP PLUG & DISP W/ 144.6 BBLS WATER & BUMP PLUG W/ 500 OVER FINAL CIRC PSI OF 2320 & PLUG HELD & LOST RETURNS 65 BBLS INTO DISPLACEMENT.
	14:00 - 15:00	1.00	DRLPRO	13	A	P	SET CASING HANGER W/ 80K STRING WT & THE HANGER WON'T TEST PUMPED & PACKED HANGER TESTED OK
	15:00 - 19:00	4.00	DRLPRO	13	A	P	WASH & CLEAN OUT MUD TANKS & RELEASED RIG ON 6/25/2008 @ 19:00 HRS
6/25/2008	SUPERVISOR: SID ARMSTRONG						MD: 9,393
	19:00 - 0:00	5.00	DRLPRO	01	E	P	RIG DOWN

Wins No.: 94970	NBU 921-25NT	API No.: 4304739368

EVENT INFORMATION:			
	EVENT ACTIVITY: COMPLETION	START DATE: 7/6/2008	AFE NO.: 2008187
	OBJECTIVE: CONSTRUCTION	END DATE: 7/8/2008	
	OBJECTIVE 2: ORIGINAL	DATE WELL STARTED PROD.:	
	REASON: SURF FACILITIES	Event End Status: COMPLETE	

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
7/6/2008	SUPERVISOR: HAL BLANCHARD						MD:

Wins No.: 94970	NBU 921-25NT	API No.: 4304739368

EVENT INFORMATION: EVENT ACTIVITY: COMPLETION | START DATE: 7/31/2008 | AFE NO.: 2008187
OBJECTIVE: DEVELOPMENT | END DATE: 8/6/2008
OBJECTIVE 2: ORIGINAL | DATE WELL STARTED PROD.:
REASON: MV | Event End Status: COMPLETE

RIG OPERATIONS:	Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start	Finish Drilling	Rig Release	Rig Off Location
MILES-GRAY 1 / 1		08/06/2008		07/30/2008			08/07/2008

Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
7/31/2008	SUPERVISOR: JD FOREMAN						MD:
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEETING
	7:30 - 17:00	9.50	COMP	31		P	MIRU NIPPLE UP BOP TALLY & PICK UP 270 JTS 2,3/8 TBG EOT 8564' POOH NIPPLE DOWN BOP NIPPLE UP FRAC VALVES SDFN
8/1/2008	SUPERVISOR: JD FOREMAN						MD:
	7:00 - 7:30	0.50	COMP	48		P	SAFERT MEETING
	7:30 - 15:00	7.50	COMP	37		P	TEST CSG & FRAC VALVES TO 7500# GOOD TEST RIH W/ 2,3/8 GUNS 23 GM .36 HOLES PERF @ 8914'-16' 4 SPF 8954'-56' 4 SPF 8988'-90' 4 SPF 9042'-44' 4 SPF 9066'-70' 3 SPF NO BLOW SDFWE
8/4/2008	SUPERVISOR: JD FOREMAN						MD:
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEETING
	7:30 - 18:00	10.50	COMP	36		P	MIRU WEATHERFORD & CUTTERS FRAC BRK PERF @ 3064# INJ RT 50 BPM INJ PSI 4420# ISIP 2338# FG .70 FRAC W/ 94094# 30/50 SAND + 5000# RESIN COATED SAND +2785 BBL SLICKWATER MP 6627# MR 49.7 MPM AP 4700# AR 48.6 BPM ISIP 5180# FG .102 NPI 2842# STAGE #2 RIN SET 8K CBP @ 8810' FERF @ 8640'-42' 4 SPF 8716'-20' 4 SPF 8752'-56' 3 SPF 8778'-80' 4 SPF BRK PERF @ 4056# INJ RT 52 BPM INJ PSI 5348# ISIP 2559# FG .74 FRAC W/ 84861# 30/50 SAND + 5000# RESIN COATED SAND + 2443 BBL SLICKWATER MP 5794# MR 52.9 AP 4865# AR 51.8 BPM ISIP 2808# FG .76 NPI 229# STAGE #3 RIH SET 8K CBP @ 8578' PERF @ 8396'-8400' 4 SPF 8480'-8482' 4 SPF 8544'-8548' 4 SPF BRK PERF @ 4103# INJ RT 40 BPM INJ PSI 4095# ISIP 2529# FG .74 FRAC W/ 78513# 30/50 SAND + 5000# RESIN COATED SAND + 2289# BBL SLICKWATER MP 7303# MR 40.3 BPM AP 3682# AR 39.7 BPM ISIP 2424# FG .73 NPI 105- STAGE # 4 RIH SET 8K CBP8146' PERF @ 7906'-08' 4 SPF 7958'-60' 4 SPF 8054'-56' 4 SPF 8112'-16' 4 SPF BRK PERF @ 3036# INJ RT 40 BPM INJ PSI 4350# ISIP 2643# FG .77 FRAC W/ 48026# 30/50 SAND + 5000# RESIN COATED SAND + 2715 BBL SLICKWATER MP 6540# MR 44.4 BPM AP 4845# AR 40.6 BPM ISIP 2715# FG .78 NPI 72# STAGE # 5 RIH SET 8K CBP @7840' PERF @ 7710'-12' 4 SPF 7778'-84' 4 SPF 7808'-10' 4 SPF BRK PERF @ 7379# INJ RT 50 BMP INJPSI 5026# ISIP 2643# FG .77 FRAC W/ 30341# 30/50 SAND + 5000# RESIN COATED SAND + 2677 BBL SLICKWATER MP 7145# MR 50.6 BPM AP 4844# AR 50.3 ISIP 2677# FG .78 NPI 103# STAGE # 6 RIH SET 8K CBP @7840' PERF @ 7710'-12' 4 SPF 7778'-84' 4 SPF 7808'-10' 4 SPF SDFN
8/5/2008	SUPERVISOR: JD FOREMAN						MD:
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEETING
	7:30 - 17:00	9.50	COMP	31		P	FRAC STAGE #6 BRK PERF @ 2348# INJ RT 50 BPM INJ PSI 3375# ISIP 1665# FG .66 FRAC W/ 130384# 30/50 SAND + 5000# RESIN COATED SAND + 3496 BBL SLICKWATER MP 3940# MR 52.5 BPM AP 3440# AR 50.5 BPM ISIP 2110# FG .72 NPI 445# RIH SET 8KCBP @7444' RIG DOWN WEATHERFORD & CUTTERS NIPPLE DOWN FRAC VALVES. NIPPLE UP BOP MAKE UP POBS-BIT RIH TAG @ 7444' RIG UP DRILG EQUIP SDFN
8/6/2008	SUPERVISOR: JD FOREMAN						MD:
	7:00 - 7:30	0.50	COMP	48		P	SAFETY MEETING

7:30 - 17:00	9.50	COMP	31		P	BRK CIRC DRILL CBP @ 7444' 800# KICK

RIH TAG @ 7612' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7642' 300# KICK

RIH TAG @ 7810' 30' SAND ON CBP DRILL OUT SAND & CBP @ 7840' 100# KICK

RIH TAG @8116' 30' SAND ON CBP DRILL OUT SAND & CBP @ 8146' 300# KICK

RIH TAG @ 8780' 30' SAND ON CBP DRILL OUT SAND & CBP @8810' 400# KICK

RIH TAG @ 9200' CLEAN OUT FILL TO 9298' CIRC CLEAN PULL & LAY DOWN 26 JTS 2,3/8 LAND ON WELL HEAD W/ 271 JTS 2,3/8 L-80 TBG EOT 8603.95' NIPPLE DOWN BOP NIPPLE UP TREE PUMP OFF BIT TRUN WELL TO FLOWBACK CREW RIG DOWN SDFN

TBG DETAIL

KB	17.00
HANGER	.83
271 JTS 2,3/8 L-80 TBG	8583.92
XN-NIPPLE 1.875	2.20
EOT	8603.95
RETURN TO YARD 43 JTS	

8/7/2008 SUPERVISOR: JD FOREMAN MD:

7:00 -			33	A	

8/8/2008 SUPERVISOR: JD FOREMAN MD:

7:00 -			33	A	
9:00 -		PROD			

WELL TURNED TO SALES @ 0900 HR ON 8/08/2008 - FTP 1675#, CP 2150#, CK 18/64", 1300 MCFD, 960 BWPD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01194-ST
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: UNIT #891008900A
8. WELL NAME and NUMBER: NBU 921-25NT
9. API NUMBER: 4304739368
10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S, 21E
12. COUNTY: UINTAH
13. STATE: UTAH

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

3. ADDRESS OF OPERATOR: 1368 S 1200 E CITY VERNAL STATE UT ZIP 84078
PHONE NUMBER: (435) 781-7024

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1150'FSL, 2607'FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

14. DATE SPUDDED: 5/25/2008
15. DATE T.D. REACHED: 6/24/2008
16. DATE COMPLETED: 8/9/2008 ABANDONED ☐ READY TO PRODUCE ☑
17. ELEVATIONS (DF, RKB, RT, GL): 4955'GL

18. TOTAL DEPTH: MD 9,393 TVD
19. PLUG BACK T.D.: MD 9,298 TVD
20. IF MULTIPLE COMPLETIONS, HOW MANY? *
21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL-CCL-GR ; COMP 2, CN, CAL, HDI

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 J-55	36#		2,370		650			
7 7/8"	4 1/2 I-80	11.6#		9,393		1600			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8,604							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) MESAVERDE	7,494	9,070		
(B) WSMVD				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
7,494 9,070	0.36	172	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7494'-9070'	PMP 14,312 BBLS SLICK H2O & 496,219# 30/50 SD

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PROD

RECEIVED
SEP 09 2008
DIV. OF OIL, GAS & MINING

(5/2000) **(CONTINUED ON BACK)**

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
8/9/2008	8/14/2008	24		0	2,221	681	FLOWING

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
19/64	1,225	2,179					0	2,221	681	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	1,434				
MAHOGANY	2,212				
WASATCH	4,675	7,326			
MESAVERDE	7,369	9,353			

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST

SIGNATURE DATE 8/26/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- *reentering a previously plugged and abandoned well*
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER: STUO-01194-ST

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

7. UNIT or CA AGREEMENT NAME: UNIT #891008900A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER: 4304739368

3. ADDRESS OF OPERATOR: 1368 SOUTH 1200 EAST CITY VERNAL STATE UT ZIP 84078

PHONE NUMBER: (435) 781-7024

10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1150'FSL, 2607'FWL

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S 21E

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☑ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO RECOMPLETE THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO COMPLETE THE WASATCH AND MESAVERDE FORMATIONS. THE OPERATOR REQUESTS AUTHORIZATION TO COMMINGLE THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISITING MESAVERDE FORMATION.

PLEASE REFER TO THE ATTACHED RECOMPLETION PROCEDURE.

COPY SENT TO OPERATOR
Date: 3·30·2009
Initials: KS

NAME (PLEASE PRINT) SHEILA UPCHEGO TITLE REGULATORY ANALYST

SIGNATURE DATE 3/19/2009

(This space for State use only)

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 3/26/09
BY:
* Cause 173-14

RECEIVED
MAR 23 2009
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

Name: NBU 921-25NT
Location: SESW 25 9S 21E
Uintah County, UT
Date: 3/16/09

ELEVATIONS: 4955 GL 4872 KB

TOTAL DEPTH: 9510' **PBTD:** 9298'
SURFACE CASING: 9 5/8", 36# J-55 ST&C @ 2341'
PRODUCTION CASING: 4 1/2", 11.6#, I-80 LT&C @ 9352'
Marker Joint **4484 - 4505'**

TUBULAR PROPERTIES:

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 ½" 11.6# I-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 ½" Annulus				0.0101	0.4227

TOPS:

1434' Green River
1726' Birds Nest
2212' Mahogany
4675' Wasatch
7368' Mesaverde

CBL indicates good cement below 2300'

GENERAL:

- A minimum of **13** tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Bakers Induction-Density-Neutron log dated 6/24/08
- **5** fracturing stages required for coverage.
- Procedure calls for 6 CBP's (**8000** psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac**.
- Maximum surface pressure **6200** psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump 20/40mesh **resin coated sand** last 5,000# of all frac stages
- Tubing Currently Landed @~8604
- Originally completed on 8/4/08

Existing Perforations:

PERFORATIONS

Formation	Zone	Top	Btm	spf	Shots	Date	Reason
MESA VERDE		7494	7496	4	8	08/04/2008	PRODUCTION
MESA VERDE		7554	7558	3	12	08/04/2008	PRODUCTION
MESA VERDE		7606	7612	4	24	08/04/2008	PRODUCTION
MESA VERDE		7710	7712	4	8	08/04/2008	PRODUCTION
MESA VERDE		7778	7784	4	24	08/04/2008	PRODUCTION
MESA VERDE		7808	7810	4	8	08/04/2008	PRODUCTION
MESA VERDE		7906	7908	4	8	08/04/2008	PRODUCTION
MESA VERDE		7958	7960	4	8	08/04/2008	PRODUCTION
MESA VERDE		8054	8056	4	8	08/04/2008	PRODUCTION
MESA VERDE		8112	8116	4	16	08/04/2008	PRODUCTION
MESA VERDE		8396	8400	4	16	08/04/2008	PRODUCTION
MESA VERDE		8480	8488	4	32	08/04/2008	PRODUCTION
MESA VERDE		8544	8548	4	16	08/04/2008	PRODUCTION
MESA VERDE		8640	8642	4	8	08/04/2008	PRODUCTION
MESA VERDE		8716	8720	4	16	08/04/2008	PRODUCTION
MESA VERDE		8752	8756	3	12	08/04/2008	PRODUCTION
MESA VERDE		8778	8780	4	8	08/04/2008	PRODUCTION
MESA VERDE		8914	8916	4	8	08/04/2008	PRODUCTION
MESA VERDE		8954	8956	4	8	08/04/2008	PRODUCTION
MESA VERDE		8988	8990	4	8	08/04/2008	PRODUCTION
MESA VERDE		9066	9070	3	12	08/04/2008	PRODUCTION

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.

2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~8870'). Visually inspect for scale and consider replacing if needed.

3. If tbg looks ok consider running a gauge ring to 7530' (50' below proposed CBP). Otherwise P/U a mill and C/O to 7530 (50' below proposed CBP).

4. Set 8000 psi CBP at ~ 7480'. Pressure test BOP and casing to 6000 psi. .

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	7286	7288	3	6
WASATCH	7322	7324	3	6
WASATCH	7350	7352	3	6
MESAVERDE	7372	7374	4	8

MESAVERDE	7446	7450	4	16

6. Breakdown perfs and establish injection rate (include scale inhibitor in fluid). Spot 250 gal of 15% HCl and let soak. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~7254' and trickle 250gal 15%HCL w/ scale inhibitor in flush .

7. Set 8000 psi CBP at ~7204'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

Zone	From	To	spf	# of shots
WASATCH	7038	7040	3	6
WASATCH	7064	7067	3	9
WASATCH	7124	7128	3	12
WASATCH	7170	7174	3	12

8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~6988' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

9. Set 8000 psi CBP at ~6578'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6374	6380	4	24
WASATCH	6494	6496	3	6
WASATCH	6544	6548	3	12

10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6324' trickle 250gal 15%HCL w/ scale inhibitor in flush.

11. Set 8000 psi CBP at ~6248'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	6050	6056	3	18
WASATCH	6118	6122	3	12
WASATCH	6214	6218	3	12

12. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 4 on attached listing. Under-displace to ~6000' and trickle 250gal 15%HCL w/ scale inhibitor in flush.

13. Set 8000 psi CBP at ~5844'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

Zone	From	To	spf	# of shots
WASATCH	5804	5814	4	40

14. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 5 on attached listing. Under-displace to ~5754' and flush only with recycled water.

15. Set 8000 psi CBP at~5754'.

16. TIH with 3 7/8" mill, pump off sub, SN and tubing.

17. Mill ALL plugs and clean out to PBTD at 9308. Land tubing at ±**8604**' pump off bit and bit sub. This well WILL be commingled at this time.

18. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

19. RDMO

For design questions, please call
Conner Staley, Denver, CO
(720)-929-6419 (Office)

For field implementation questions, please call
Robert Miller, Vernal, UT
4350781 7041 (Office)

NOTES:

Fracturing Schedules
Name NBU 921-25NT
Slickwater Frac

4097 2072
97.5626524

Stage	Zone	Perfs Top, ft	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	WASATCH	7266	7268	3	6	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	7322	7324	3	6	0	ISIP and 5 min ISIP											47
	WASATCH	7350	7352	3	6	50	Slickwater Pad			Slickwater	206	206	15.0%	0.0%	0	0		26
	MESAVERDE	7372	7374	4	8	50	Slickwater Ramp	0.25	1.25	Slickwater	693	901	50.0%	39.7%	21,844	21,844		44
	MESAVERDE	7446	7450	4	16	50	Slickwater Ramp	1.25	2	Slickwater	485	1,387	35.0%	60.3%	33,130	54,973		0
	MESAVERDE					50	Flush (4-1/2")				113	1,500				54,973		47
	MESAVERDE						ISDP and 5 min ISDP											164
			# of Perfs/stage		42							Flush depth	7254	gal/ft	25,000	23,594	lbs sand/ft	
						31.2	<< Above pump time (min)								CBP depth	7,204	50	
2	WASATCH	7038	7040	3	6	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	7064	7067	3	9	0	ISIP and 5 min ISIP											
	WASATCH	7124	7126	3	12	50	Slickwater Pad			Slickwater	243	243	15.0%	0.0%	0	0		31
	WASATCH	7170	7174	3	12	50	Slickwater Ramp	0.25	1.5	Slickwater	810	1,052	50.0%	35.7%	29,750	29,750		51
	WASATCH					50	Slickwater Ramp	1.5	3	Slickwater	567	1,619	35.0%	64.3%	53,550	83,300		0
	WASATCH					50	Flush (4-1/2")				109	1,728				83,300		43
	WASATCH						ISDP and 5 min ISDP											124
			# of Perfs/stage		39							Flush depth	6988	gal/ft	25,000	30,625	lbs sand/ft	
						34.6	<< Above pump time (min)								CBP depth	6,578	410	
3	WASATCH	6374	6380	4	24	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	6494	6496	3	6	0	ISIP and 5 min ISIP											
	WASATCH	6544	6548	3	12	40	Slickwater Pad			Slickwater	52	52	15.0%	0.0%	0	0		7
	WASATCH					40	Slickwater Ramp	0.25	1.5	Slickwater	173	224	50.0%	35.7%	6,344	6,344		11
	WASATCH					40	Slickwater Ramp	1.5	3	Slickwater	121	345	35.0%	64.3%	11,419	17,763		0
	WASATCH					40	Flush (4-1/2")				98	444				17,763		41
	WASATCH						ISDP and 5 min ISDP											58
			# of Perfs/stage		42							LOOK		gal/ft	25,000	30,625	lbs sand/ft	
						11.1	<< Above pump time (min)					Flush depth	6324		CBP depth	6,248	76	
4	WASATCH	6050	6056	3	18	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	6118	6122	3	12	0	ISIP and 5 min ISIP											
	WASATCH	6214	6218	3	12	50	Slickwater Pad			Slickwater	160	160	15.0%	0.0%	0	0		20
	WASATCH					50	Slickwater Ramp	0.25	1.5	Slickwater	533	693	50.0%	35.7%	19,578	19,578		34
	WASATCH					50	Slickwater Ramp	1.5	3	Slickwater	373	1,065	35.0%	64.3%	35,241	54,819		0
	WASATCH					50	Flush (4-1/2")				93	1,159				54,819		38
	WASATCH						ISDP and 5 min ISDP											92
			# of Perfs/stage		42							Flush depth	6000	gal/ft	25,000	30,625	lbs sand/ft	
						23.2	<< Above pump time (min)								CBP depth	5,844	156	
5	WASATCH	5804	5814	4	40	Varied	Pump-in test			Slickwater	0	0						
	WASATCH					0	ISIP and 5 min ISIP											
	WASATCH					50	Slickwater Pad			Slickwater	68	68	15.0%	0.0%	0	0		9
	WASATCH					50	Slickwater Ramp	0.25	1.5	Slickwater	226	294	50.0%	35.7%	8,313	8,313		14
	WASATCH					50	Slickwater Ramp	1.5	3	Slickwater	158	452	35.0%	64.3%	14,963	23,275		0
	WASATCH					50	Flush (4-1/2")				89	542				23,275		0
	WASATCH						ISDP and 5 min ISDP											23
			# of Perfs/stage		40							LOOK		gal/ft	25,000	30,625	lbs sand/ft	LOOK
						10.8	<< Above pump time (min)					Flush depth	5754		CBP depth	5,754	0	
	Totals				205						gals	5,368	bbls		Total Sand	234,130		
						#VALUE!					bbls	11.9	tanks				Total Scale Inhib. =	460

Name NBU 921-25NT
Perforation and CBP Summary

Stage	Zones	Perforations		SPF	Holes		Fracture Coverage		
		Top, ft	Bottom, ft						
1	WASATCH	7286	7288	3	6		7282.5	to	7289
	WASATCH	7322	7324	3	6		7305.5	to	7329
	WASATCH	7350	7352	3	6		7349	to	7354.5
	MESAVERDE	7372	7374	4	8		7368	to	7451.5
	MESAVERDE	7446	7450	4	16		7368	to	7452
	# of Perfs/stage				42		CBP DEPTH	7,204	
2	WASATCH	7038	7040	3	6		7026	to	7042.5
	WASATCH	7064	7067	3	9		7055	to	7093
	WASATCH	7124	7128	3	12		7113.5	to	7140.5
	WASATCH	7170	7174	3	12		7169	to	7178.5
	# of Perfs/stage				39		CBP DEPTH	6,578	
3	WASATCH	6374	6380	4	24		6374	to	6383
	WASATCH	6494	6496	3	6		6486.5	to	6500
	WASATCH	6544	6548	3	12		6533	to	6550
	# of Perfs/stage				42		CBP DEPTH	6,248	
4	WASATCH	6050	6056	3	18		6042.5	to	6062.5
	WASATCH	6118	6122	3	12		6114.5	to	6124
	WASATCH	6214	6218	3	12		6213.5	to	6219
	# of Perfs/stage				42		CBP DEPTH	5,844	
5	WASATCH	5804	5814	4	40		5770	to	5818
	# of Perfs/stage				40		CBP DEPTH	5,754	

Fracturing Schedules
Name NBU 921-25NT
Slickwater Frac

4097.2072
97.5525524

Stage	Zone	Perfs Top, ft.	Perfs Bot., ft	SPF	Holes	Rate BPM	Fluid Type	Initial ppg	Final ppg	Fluid	Volume BBLs	Cum Vol BBLs	Fluid % of frac	Sand % of frac	Sand lbs	Cum. Sand lbs	Footage from CBP to Flush	Scale Inhib., gal.
1	WASATCH	7286	7288	3	6	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	7322	7324	3	6	0	ISIP and 5 min ISIP											47
	WASATCH	7350	7352	3	6	50	Slickwater Pad			Slickwater	208	208	15.0%	0.0%	0	0		26
	MESAVERDE	7372	7374	4	8	50	Slickwater Ramp	0.25	1.25	Slickwater	693	901	50.0%	39.7%	21,844	21,844		44
	MESAVERDE	7446	7450	4	16	50	Slickwater Ramp	1.25	2	Slickwater	485	1,387	35.0%	60.3%	33,130	54,973		0
	MESAVERDE					50	Flush (4-1/2")				113	1,500				54,973		47
	MESAVERDE						ISDP and 5 min ISDP											164
			# of Perfs/stage		42									gal/ft	25,000	23,594	lbs sand/ft	
												Flush depth	7254		CBP depth	7,204	50	
						31.2	<< Above pump time (min)											
2	WASATCH	7038	7040	3	6	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	7064	7067	3	9	0	ISIP and 5 min ISIP											
	WASATCH	7124	7128	3	12	50	Slickwater Pad			Slickwater	243	243	15.0%	0.0%	0	0		31
	WASATCH	7170	7174	3	12	50	Slickwater Ramp	0.25	1.5	Slickwater	810	1,052	50.0%	35.7%	29,750	29,750		51
	WASATCH					50	Slickwater Ramp	1.5	3	Slickwater	567	1,619	35.0%	64.3%	53,550	83,300		0
	WASATCH					50	Flush (4-1/2")				109	1,728				83,300		43
	WASATCH						ISDP and 5 min ISDP											124
			# of Perfs/stage		39									gal/ft	25,000	30,625	lbs sand/ft	
												Flush depth	6988		CBP depth	6,578	410	
						34.6	<< Above pump time (min)											
3	WASATCH	6374	6380	4	24	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	6494	6496	3	6	0	ISIP and 5 min ISIP											
	WASATCH	6544	6548	3	12	40	Slickwater Pad			Slickwater	52	52	15.0%	0.0%	0	0		7
	WASATCH					40	Slickwater Ramp	0.25	1.5	Slickwater	173	224	50.0%	35.7%	6,344	6,344		11
	WASATCH					40	Slickwater Ramp	1.5	3	Slickwater	121	345	35.0%	64.3%	11,419	17,763		0
	WASATCH					40	Flush (4-1/2")				98	444				17,763		41
	WASATCH						ISDP and 5 min ISDP											58
			# of Perfs/stage		42							LOOK		gal/ft	25,000	30,625	lbs sand/ft	
												Flush depth	6324		CBP depth	6,248	76	
						11.1	<< Above pump time (min)											
4	WASATCH	6050	6056	3	18	Varied	Pump-in test			Slickwater	0	0						
	WASATCH	6118	6122	3	12	0	ISIP and 5 min ISIP											
	WASATCH	6214	6218	3	12	50	Slickwater Pad			Slickwater	160	160	15.0%	0.0%	0	0		20
	WASATCH					50	Slickwater Ramp	0.25	1.5	Slickwater	533	693	50.0%	35.7%	19,578	19,578		34
	WASATCH					50	Slickwater Ramp	1.5	3	Slickwater	373	1,065	35.0%	64.3%	35,241	54,819		0
	WASATCH					50	Flush (4-1/2")				93	1,159				54,819		38
	WASATCH						ISDP and 5 min ISDP											92
			# of Perfs/stage		42									gal/ft	25,000	30,625	lbs sand/ft	
												Flush depth	6000		CBP depth	5,844	156	
						23.2	<< Above pump time (min)											
5	WASATCH	5804	5814	4	40	Varied	Pump-in test			Slickwater	0	0						
	WASATCH					0	ISIP and 5 min ISIP											
	WASATCH					50	Slickwater Pad			Slickwater	68	68	15.0%	0.0%	0	0		9
	WASATCH					50	Slickwater Ramp	0.25	1.5	Slickwater	226	294	50.0%	35.7%	8,313	8,313		14
	WASATCH					50	Slickwater Ramp	1.5	3	Slickwater	158	452	35.0%	64.3%	14,963	23,275		0
	WASATCH					50	Flush (4-1/2")				89	542				23,275		0
	WASATCH						ISDP and 5 min ISDP											23
			# of Perfs/stage		40							LOOK		gal/ft	25,000	30,625	lbs sand/ft	
												Flush depth	5754		CBP depth	5,754	0	LOOK
						10.8	<< Above pump time (min)											
	Totals				205						gals	5,368	bbls		Total Sand	234,130		
						#VALUE!					bbls	11.9	tanks				Total Scale Inhib. =	460

API Well No: 43047393680000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UO-01194-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047393680000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1150 FSL 2607 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 25 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 8/25/2009	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	✓ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR HAS PERFORMED A RECOMPLETION ON THE SUBJECT WELL LOCATION. THE OPERATOR HAS COMPLETED THE WASATCH AND MESAVERDE FORMATIONS, AND HAS COMMINGLED THE NEWLY WASATCH AND MESAVERDE FORMATIONS, ALONG WITH THE EXISTING MESAVERDE FORMATION. THE OPERATOR HAS RETURNED THE SUBJECT WELL LOCATION BACK TO PRODUCTION ON 08/25/2009 AT 10:00 AM. PLEASE REFER TO THE ATTACHED RECOMPLETION CHRONOLOGICAL WELL HISTORY.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 01, 2009

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sheila Wopsock	435 781-7024	Regulatory Analyst
SIGNATURE N/A		**DATE** 9/1/2009

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008
Project: UTAH-UINTAH	Site: NBU 921-25NT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009	End Date: 8/19/2009
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/13/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- OVERHEAD LOADS.
	7:30 - 15:00	7.50	COMP	31		P		FTP 60, FCP 60. PMP 20 BBLS DWN TBG AND 15 DWN CSG. ND WH. NU BOP. RU FLOOR AND TBG EQUIP. UNLAND TBG FROM 8604'. LD 4" 10K HANGER. POOH W/ 271-JTS 2-3/8" L-80 TBG. CONTROL WELL W/ 25 BBLS. NO SCALE. (LD 5-JTS W/ BAD THREADS). LD SN. ND BOP. NU FRAC VALVES. SDFN
8/14/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- PRESSURE TESTING
	7:30 - 15:00	7.50	COMP	37	B	P		SICP 700. BWD TO 300 PSI. MIRU CUTTERS EWL. RIH W/ 3.75" GR/JB TO 7530'. RIH W/ HALCO 4-1/2" 10K CBP AND SET AT 7480'. FILL CSG W/ 95 BBLS TMAC. P-TEST CSG AND FRAC VALVES TO 6200 PSI W/ B&C. GOOD. RIH W/ 3-1/8" PERF GUN (23 GRAM, .36" HOLE, 40" PEN, 120* ON 3 SPF AND 90* ON 4 SPF). PERF 7446-50' (4 SPF), 7372-74' (4 SPF), 7350-52' (3 SPF), 7322-24' (3 SPF), 7286-88' (3 SPF). POOH W/ GUN AND SDFN.
8/17/2009	6:00 - 7:00	1.00	COMP	36	B	P		MIRU FRAC TECH AND CUTTERS
	7:00 - 7:30	0.50	COMP	48		P		HSM / JSA- FRAC, PRESSURES, EWL.

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008
Project: UTAH-UINTAH	Site: NBU 921-25NT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009	End Date: 8/19/2009
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 18:00	10.50	COMP	36	B	P		P-TEST LINES TO 7500 PSI. HAD CHICKSAN RUBBER WITH DRIP. REPAIR. P-TEST LINES TO 7500 PSI. STAGE #1- PERFS- 7286'-7450' (12' NET, 42-HOLES). OPEN WELL- SICP 1253 PSI. BRK 3323 PSI AT 8 BPM, ISIP 2895, FG .83. PMP 100 BBLS SLK WTR W/ HCL IN LEAD, 40.1 BPM @ 6060 PSI = 31% PERFS OPEN. PMP 250 GAL MORE HCL TO OPEN MORE PERF, NO CHANGE. START .25 PPA THEN .50 PPA TO GET PERFS OPEN UP. START BUILDING RAMP UP TO 2 PPA. CUT CLEAN SHORT AS PRESSURES CLIMBED AND GO TO RESIN. MP 6029, MR 40, AP 5524, AR 35.6, FG .80, ISIP 2688, NPI -207. BBLS PMP 2746 SLK WTR, 65,722# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 70,722#) --- STAGE #2- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 120* PHASING. SET CBP AT 7402'. PULL UP AND PERF 7170-74' (3 SPF), 7124-28' (3 SPF), 77064-67 (3 SPF), 7038-40' (3 SPF). 39 HOLES TOTAL. OPEN WELL- SICP 640 PSI. BRK 2817 PSI AT 8.0 BPM, ISIP 1894, FG .70. PMP 100 BBLS SLK WTR, 45.8 BPM @ 6041 PSI = 58% PERFS OPEN. MP 6041, MR 51.5, AP 5430, AR 49.6, FG .76, ISIP 2294, NPI 400. BBLS PMP 2223 SLK WTR, 98.704# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 103,704#) --- STAGE #3- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 120* PHASING ON 3 SPF AND 90* PHASING ON 4 SPF. SET CBP AT 6732'. PULL UP AND PERF 6544-48' (3 SPF), 6494-96' (3 SPF), 6374-6380' (4 SPF), 42 HOLES TOTAL. OPEN WELL- SICP 141 PSI. BRK 3324 PSI AT 8.2 BPM, ISIP 1571, FG .68. PMP 83 BBLS SLK WTR, 45.7 BPM @ 5280 PSI = 48% PERFS OPEN. MP 5453, MR 56.8, AP 4924, AR 48.2, FG .63, ISIP 1241, NPI -330. BBLS PMP 748 SLK WTR, 24,921# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 29,521#) --- STAGE #4- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 120* PHASING ON 3 SPF. SET CBP AT 6056'. PULL UP AND PERF 66214-18' (3 SPF), 6118-22' (3 SPF), 6050-56' (3 SPF) 42 HOLES TOTAL. OPEN WELL- SICP 247 PSI. BRK 2558 PSI AT 6.6

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008
Project: UTAH-UINTAH	Site: NBU 921-25NT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009	End Date: 8/19/2009
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								BPM, ISIP 1071, FG .61. PMP 100 BBLS SLK WTR, 49.2 BPM @ 5480 PSI = 45% PERFS OPEN. MP 5541, MR 50.5, AP 4712, AR 49.8, FG .63, ISIP 1188, NPI 117. BBLS PMP 1519 SLK WTR, 63,672# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 68,672#) ---------- STAGE #5- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 90* PHASING ON 4 SPF. SET CBP AT 5836". PULL UP AND PERF 5804-14' (4 SPF), 40 HOLES TOTAL. OPEN WELL- SICP 1029 PSI. BRK 1762 PSI AT 8.2 BPM, ISIP 1206, FG .64. PMP 81 BBLS SLK WTR, 50 BPM @ 4760 PSI = 55% PERFS OPEN (22/42). MP 5053, MR 52.9, AP 4182, AR 51.1, FG .62, ISIP 1082, NPI -124. BBLS PMP 751 SLK WTR, 29,050# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 34,050#) RIH W/ 4-1/2" CBP AND SET KILL PLUG AT 5750' ----------
8/18/2009	7:00 - 7:30	0.50	COMP	48		P		RD FLOOR. ND FRAC VALVES. NU BOP. RU FLOOR AND TBG EQUIP. SDFN JSA- PWR SWIVEL. LANDING HANGER.
	7:30 - 17:30	10.00	COMP	31		P		SICP 0. MU 3-7/8" BIT, POBS ASSY, 1.87" XN NIPPLE AND RIH ON 2-3/8" L-80 TBG. TAG SAND AT 5720' AND RU DRLG EQUIP. C/O 30' SAND TO CBP #1 AT 5750'. D/O PLUG IN 3 MIN. NPI VAC. RIH. C/O 30' SAND TO CBP #2 AT 5836'. D/O PLUG IN 4 MIN. NPI 100 PSI. RIH. C/O 20' SAND TO CBP #3 AT 6248'. D/O PLUG IN 4 MIN. NPI 150 PSI. RIH. C/O 70' SAND TO CBP #4 AT 6578'. D/O PLUG IN 5 MIN. NPI 1000 PSI. RIH. C/O 30' SAND TO CBP #5 AT 7204'. D/O PLUG IN 6 MIN. NPI 400 PSI. RIH. C/O 100' SAND TO CBP #6 AT 7480'. CIRC CLEAN. D/O IN 9 MIN. WELL WENT ON HARD VACUUM. CONT RIH AND TAG AT 8660'. PU PWR SWIVEL AND START AIR/FOAM DOWN TBG. 1:05 TO GET CIRC. HP 2000 PSI. C/O TO 8787' W/ 277-JTS IN. ACTS LIKE SCALE ON CSG WALL. CIRC CLEAN. CONTROL TBG W/ 15 BBLS. HANG PWR SWIVEL. POOH AS SB 20-JTS. BIT AT 8161'. SHUT WELL IN. SDFN
8/19/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. WHILE USING FOAM UNIT. WEAR EAR PROTECTION.

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008
Project: UTAH-UINTAH	Site: NBU 921-25NT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009	End Date: 8/19/2009
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 15:00	7.50	COMP	44	D	P		SICP 1500#. OPEN WELL T/ FBT. BLOW DOWN T/ 500# CONT DRL CO T/ PBTD. BRK CONV CIRC W/ WEATHERFORD FU. CONT CO SAND F/ 8788' DOWN T/ 9220' = 432' OF FILL. 9220' = PBTD. CIRC WELL CLEAN W/ FU. RD DRL EQUIP POOH LD 20 JT'S 2 3/8 L-80 WORK STRING. PU 4 1/16 TBG HNGR. LAND TBG W/ KB 14.00 4 1/16 FMC HNGR .83 271 JT'S 2 3/8 L-80 8579.36 XN-NIPPLE & POBS 2.20 ---------- EOT @ 8596.39 ND BOP, NU WH. DROP BALL. PUMP BIT OFF W/ 1800 PSI, W/ WEATHERFORD FU. SWI FOR 30 MIN T/ LET BIT FALL T/ PBTD. OPEN WELL T/ FBT. TURN WELL OVER T/ FBC. SICP 900#. FTP 50# ON OPEN CHOKE. RD RIG, RACK OUT RIG EQUIP. ROAD RIG. TOTAL LOAD = 7987 BBLS RIG RECOVERD = 1308 BBLS LEFT T/ RECOVER = 6679 BBLS FOUND 5 GAULDED JT'S. (SENT T/ PRS.) REPLACED W/ 5 L-80 JTS F/ VERNAL YARD.
8/20/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1875#, TP 10#, OPEN/64" CK, 0 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 1341 BBLS LEFT TO RECOVER: 6646
8/21/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1900#, TP 0#, OPEN/64" CK, 0 BWPH, - SAND, - GAS TTL BBLS RECOVERED: 1411 BBLS LEFT TO RECOVER: 6576
8/24/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1525#, TP 650#, 20/64" CK, 20 BWPH, trace SAND, light GAS TTL BBLS RECOVERED: 2055 BBLS LEFT TO RECOVER: 5932
8/25/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2750#, TP 1750#, 20/64" CK, 25 BWPH, MEDIUM SAND, 1543 GAS TTL BBLS RECOVERED: 9080 BBLS LEFT TO RECOVER: 3266
	10:00 -		PROD	50				WELL TURNED TO SALE @ 1000 HR ON 8/25/09 - FTP 700#, CP 1350#, 675 MCFD, 18 BWPD, 20/64 CK
8/26/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1300#, TP 650#, 20/64" CK, 16 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2921 BBLS LEFT TO RECOVER: 5066
8/27/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1275#, TP 625#, 20/64" CK, 10 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 3216 BBLS LEFT TO RECOVER: 4771

API Well No: 43047393680000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UO-01194-ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047393680000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779 **PHONE NUMBER:** 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1150 FSL 2607 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 25 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/18/2010	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

THE OPERATOR REQUESTS AUTHORIZATION TO TEMPORARILY ABANDON THE SUBJECT WELL LOCATION. THE OPERATOR PROPOSES TO TEMPORARILY ABANDON THE WELL TO DRILL THE NBU 921-25N PAD, WHICH CONSISTS OF THE NBU 921-25K4CS, NBU 921-25N2DS, NBU 921-25N3AS, AND NBU 921-25D4BS. PLEASE REFER TO THE ATTACHED TEMPORARILY ABANDON PROCEDURE.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 14, 2010

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Danielle Piernot	720 929-6156	Regulatory Analyst
SIGNATURE N/A		**DATE** 10/13/2010

RECEIVED October 13, 2010

NBU 921-25NT
1150' FSL & 2607' FWL
NWNW SEC.25, T9S, R21E
Uintah County, UT

KBE:	4972'	**API NUMBER:**	4304739368
GLE:	4955'	**LEASE NUMBER:**	U-01194-ST
TD:	9393'	**WINS#:**	94970
PBTD:	9220'	**WI:**	100.0000%
		NRI:	81.994445%

CASING:

20" hole
14" STL 50# csg @ 40' GL
Cemented to surface w/ 28 sx

12 1/4" hole
9 5/8" 36# J-55 @ 2341' (KB)
Cemented with 650 sx. TOC @ surface

7.875" hole
4 ½" 11.6# I-80 @ 9352'
Cemented w/ 1600 sx, TOC @ 500' per CBL

TUBING: 2 3/8" 4.7# J-55 tubing landed at 8599'

PERFORATIONS:

Wasatch	5804' – 7352'
Mesaverde	7372' – 9070'

Tubular/Borehole	Drift inches	Collapse psi	Burst psi	Capacities		
				Gal./ft.	Cuft/ft.	Bbl./ft.
2.375" 4.7# J-55 tbg.	1.901	8100	7700	0.1624	0.0217	0.0039
4.5" 11.6# N-80	3.875	6350	7780	0.6528	0.0872	0.0155
9.625" 36# K-55	8.921	2020	3520	3.247	0.434	0.0773
Annular Capacities						
2.375" tbg. X 4 ½" 11.6# csg				0.4227	0.0565	0.0101
4.5" csg X 9 5/8" 36# csg				2.4192	0.3231	0.0576
4.5" csg X 7.875 borehole				1.704	0.2276	0.0406
9 5/8" csg X 12 1/4" borehole				2.3436	0.3132	0.0558

GEOLOGIC INFORMATION:

Formation	Depth to top, ft.
Uinta	Surface
Wasatch	4675'
Mesaverde	7368'

Tech. Pub. #92 Base of USDW's

USDW Elevation	~4200' MSL
USDW Depth	~757' KBE

WELL HISTORY:

- Spud Well 5/25/08, TD'd 4/24/06
- Aug '08 – Completed Mesaverde zones (7494' – 9070') with 14,312 bbls slickwater fluid & 496,219# 30/50 sand
- 8/9/08– 1st Sales, 941 MCF, 0 BC, 640 BW, TP: 1550#, CP: 1850#, 20/64 CHK, 24 HRS, LP: 107#.
- 8/25/09 – Recompleted well to include upper MV & Wasatch intervals (5804' – 7450')

Recommended future action for disposition of well bore:

Temporarily abandon the wellbore during the drilling and completion operations of the NBU 921-25N pad wells. Return to production as soon as possible once completions are done.

RECEIVED October 13, 2010

NBU 921-25NT TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE
Note: An estimated 20 sx Class "G" cement needed for procedure
Note: Gyro run on 6/25/09

1. MIRU. KILL WELL AS NEEDED. ND WH, NU AND TEST BOPE.

2. PULL TBG & LD SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO CHECK FOR FILL. A GPS READING WILL NEED TO BE TAKEN AT THE WELL SITE AND RECORDED IN OPENWELLS. PLEASE TAKE IT TO THE 6TH DECIMAL PLACE.

3. **PLUG #1, ISOLATE MESAVERDE/WASATCH PERFORATIONS (5804'–9070'):** RIH W/ 4 ½" CBP. SET @ ~5755'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF **4 SX/ 0.8 BBL/ 4.36 CUFT**. ON TOP OF PLUG. PUH ABOVE TOC (~5705'). REVERSE CIRCULATE W/ TREATED FRESH WATER.

4. **PLUG #2, PROTECT WASATCH TOP (4675'):** PUH TO ~4775'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF **16 SX/ 3.1 BBL/ 17.44 CUFT** AND BALANCE PLUG W/ TOC @ ~4575' (200' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER.

5. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER BLM GUIDELINES.

6. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 10/13/10

RECEIVED October 13, 2010

API Well No: 43047393680000

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UO-01194-ST

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME: NATURAL BUTTES

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER: 43047393680000

3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER: 720 929-6007 Ext

9. FIELD and POOL or WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1150 FSL 2607 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 25 Township: 09.0S Range: 21.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 12/2/2010	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	✓ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The operator has concluded the temporarily abandonment operations on the subject well location. This well was temporarily abandoned in order to drill the NBU 921-25N pad. Please see attached chronological well history.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
12/6/2010

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE N/A		**DATE** 12/3/2010

RECEIVED December 03, 2010

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008	
Project: UTAH-UINTAH	Site: NBU 921-25NT		Rig Name No: WESTERN WELLSITE/UNK
Event: ABANDONMENT	Start Date: 12/1/2010		End Date: 12/2/2010
Active Datum: RKB @4,972.00ft (above Mean Sea Leve	UWI: 25-9S-21E		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
12/1/2010	7:00 - 17:00	10.00	ABAND	47	A			HSM JSA. ROAD TO LOCATION NBU 25 A ND BOPE MOVE RIG TO NBU 921- 25 NT RIG UP PUMP 60 BLS WATER TO KILL WELL ND WH NU BOPE RIG UP B&C INSPECTION PIPE TOOL TOH/ TUBING CONTINEU PUMPING WATER WEND TOH / TUBING INSPEC 271 JOINTS 208 YELOW 3 BLUE 60 RED LAID DOWN SN RIG DOWN INSPECTION TOOL PU 3.7/8 BIT TIH / TUBING TO 5774' SWI SDFN
12/2/2010	7:00 - 17:00	10.00	ABAND	51	D			HSM JSA. ROAD TO LOCATION PUMP 50 BLS WATER TO KILL WELL TOH / TUBING PUMP WATER WEND TRIPING TUBING LAID DOWN BIT PU 4.1/2 CIBP TIH / TUBING SET PLUG AT 5747' PUH / 10' PUMP WELL FULL PRESURE TEST CASING AT 1000 PSI TEST OK PUMP 4 SXS TOC 5694' TOH / TUBING TO 4770' PUMP 16 SXS TOC 4551' TOH / TUBING TO 4500' REVERSE CIRCULATION TOH / TUBING RIG DOWN ND BOPE MOVE OUT GPS READING COORDINATES X : 0628017 Y: 4429159

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UO-01194-ST

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
UTE

7.UNIT or CA AGREEMENT NAME:
NATURAL BUTTES

1. TYPE OF WELL
Gas Well

8. WELL NAME and NUMBER:
NBU 921-25NT

2. NAME OF OPERATOR:
KERR-MCGEE OIL & GAS ONSHORE, L.P.

9. API NUMBER:
43047393680000

3. ADDRESS OF OPERATOR:
P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779

PHONE NUMBER:
720 929-6515 Ext

9. FIELD and POOL or WILDCAT:
NATURAL BUTTES

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
1150 FSL 2607 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SESW Section: 25 Township: 09.0S Range: 21.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ SUBSEQUENT REPORT Date of Work Completion: 7/6/2011	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This previously temporarily abandoned well has returned to production. This well returned to production on 7/6/2011.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Andy Lytle	720 929-6100	Regulatory Analyst
SIGNATURE		**DATE**
N/A		7/12/2011

RECEIVED Jul. 12, 2011

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008	
Project: UTAH-UINTAH	Site: NBU 921-25N PAD		Rig Name No: MILES 3/3
Event: WELL WORK EXPENSE	Start Date: 6/28/2011		End Date: 6/29/2011
Active Datum: RKB @4,972.00ft (above Mean Sea Leve	UWI: 25-9S-21E		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
6/28/2011	7:00 - 17:30	10.50	REE	44	A	P		MIRU, HSM, PU POBS & XN-NIPPLE RIH W/ 141 JTS 2 3/8" J-55 TBG, TOC @ 4569', R/U PWR SWVL & EST CIRC, PSI TEST BOPS & CASING TO 3000 PSI, LOST 50 PSI IN 15 MIN. NO VISABLE LEAKS, DRL OUT CMT TO 4750' FELL THROUGH, CIRC WELL CLN, SWIFN.
6/29/2011	7:00 - 7:15	0.25	REE	48		P		HSM
	7:15 - 16:00	8.75	REE	44	A	P		RIH TO 5705' TAG CBP, EST CIRC D/O PLUG, LOST CIRC RIH TO 9130' TAG FILL, R/U WEATHERFORD FU & EST CIRC C/O TO 9153' HIT SOMETHING HARD CAN'T DRL PAST, (SUSPECT OLD POBS) CIRC WELL CLEAN, R/D WEATHERFORD FU & PWR SWVL, POOH W/ 18 JTS & L/D ON FLOAT. LAND TBG @ 8589.81', NDBOP, NUWH, DROP BALL & PUMP OFF BIT @ 1700 PSI. SWIFN, INFORM CDC WELL IS READY TO START, R/D MOVE RIG & EQUIP TO NBU 921-35K PAD. KB 17' TBG HANGER .83' 267 JTS J-55 TBG 8569.78' XN @ 8587.71' EOT 8589.81' (300 JTS DELIVERED 33 JTS RETURNED) OLTR-395 WR-350 LLTR-45
7/6/2011	7:00 -			50				WELL RETURNED TO SALES ON 7/6/2011 - SPOT RATE 202 MCFD

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ (highlight changes) FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UO- 01194- ST

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

7. UNIT or CA AGREEMENT NAME: 891008900A

b. TYPE OF WORK: NEW WELL ☐ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☑ OTHER RECOMPLETION

8. WELL NAME and NUMBER: NBU 921-25NT

2. NAME OF OPERATOR: KERR McGEE OIL & GAS ONSHORE LP

9. API NUMBER: 4304739368

3. ADDRESS OF OPERATOR: P.O. BOX 173779 CITY DENVER STATE CO ZIP 80217

PHONE NUMBER: (720) 929-6100

10 FIELD AND POOL, OR WILDCAT: NATURAL BUTTES

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: SESW 1150' FSL & 2607' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH:

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SESW 25 9S 21E

12. COUNTY: UINTAH

13. STATE: UTAH

14. DATE SPUDDED: 5/25/2008

15. DATE T.D. REACHED: 6/24/2008

16. DATE COMPLETED: 8/25/2009 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 4955' GL

18. TOTAL DEPTH: MD 9,393 TVD

19. PLUG BACK T.D.: MD 9,298 TVD

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
CBL-CCL-GR-CN-CAL-HDL

23.
WAS WELL CORED? NO ☑ YES ☐ (Submit analysis)
WAS DST RUN? NO ☑ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☑ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	14" STL	36.7#		40		28			
12 1/4"	9 5/8 J-55	36#		2,370		650			
7 7/8"	4 1/2 I-80	11.6#		9,393		1600			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	8,596							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) WASATCH	5,804	7,352		
(B) MESAVERDE	7,372	7,450		
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)		SIZE	NO. HOLES	PERFORATION STATUS
5,804	7,352	0.36	181	Open ☑ Squeezed ☐
7,372	7,450	0.36	24	Open ☑ Squeezed ☐
				Open ☐ Squeezed ☐
				Open ☐ Squeezed ☐

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
5804-7450	PMP 7,987 BBLS SLICK H20 & 306,669 LBS 30/50 OWATTA SD.

RECEIVED
OCT 05 2009
DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS: PROD

(5/2000)

(CONTINUED ON BACK)

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
8/25/2009	9/4/2009	24		0	926	240	FLOWING

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
24/64	188	555					0	926	240	PROD

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:	TEST DATE:	HOURS TESTED:	TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:

CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

SOLD

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
GREEN RIVER	1,434				
MAHOGANY	2,212				
WASATCH	4,675	7,326			
MESAVERDE	7,369	9,353			

RECEIVED
OCT 05 2009
DIV. OF OIL, GAS & MINING

35. ADDITIONAL REMARKS (Include plugging procedure)

RECOMPLETED TO WASATCH AND MV. COMMINGLED NEWLY WASATCH AND MV WITH EXISITING MV.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) ANDY LYTLE TITLE REGULATORY ANALYST

SIGNATURE DATE 10/2/2009

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

(5/2000)

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008	
Project: UTAH-UINTAH	Site: NBU 921-25NT		Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009		End Date: 8/19/2009
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
8/13/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- OVERHEAD LOADS.
	7:30 - 15:00	7.50	COMP	31		P		FTP 60, FCP 60. PMP 20 BBLS DWN TBG AND 15 DWN CSG. ND WH. NU BOP. RU FLOOR AND TBG EQUIP. UNLAND TBG FROM 8604'. LD 4" 10K HANGER. POOH W/ 271-JTS 2-3/8" L-80 TBG. CONTROL WELL W/ 25 BBLS. NO SCALE. (LD 5-JTS W/ BAD THREADS). LD SN. ND BOP. NU FRAC VALVES. SDFN
8/14/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- PRESSURE TESTING
	7:30 - 15:00	7.50	COMP	37	B	P		SICP 700. BWD TO 300 PSI. MIRU CUTTERS EWL. RIH W/ 3.75" GR/JB TO 7530'. RIH W/ HALCO 4-1/2" 10K CBP AND SET AT 7480'. FILL CSG W/ 95 BBLS TMAC. P-TEST CSG AND FRAC VALVES TO 6200 PSI W/ B&C. GOOD. RIH W/ 3-1/8" PERF GUN (23 GRAM, .36" HOLE, 40" PEN, 120* ON 3 SPF AND 90* ON 4 SPF). PERF 7446-50' (4 SPF), 7372-74' (4 SPF), 7350-52' (3 SPF), 7322-24' (3 SPF), 7286-88' (3 SPF). POOH W/ GUN AND SDFN.
8/17/2009	6:00 - 7:00	1.00	COMP	36	B	P		MIRU FRAC TECH AND CUTTERS
	7:00 - 7:30	0.50	COMP	48		P		HSM / JSA- FRAC, PRESSURES, EWL.

US ROCKIES REGION

Operation Summary Report

RECEIVED
OCT 05 2009
DIV. OF OIL, GAS & MINING

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008	
Project: UTAH-UINTAH	Site: NBU 921-25NT	Rig Name No: GWS 1/1	
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009	End Date: 8/19/2009	
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 18:00	10.50	COMP	36	B	P		P-TEST LINES TO 7500 PSI. HAD CHICKSAN RUBBER WITH DRIP. REPAIR. P-TEST LINES TO 7500 PSI. STAGE #1- PERFS- 7286'-7450' (12' NET, 42-HOLES). OPEN WELL- SICP 1253 PSI. BRK 3323 PSI AT 8 BPM, ISIP 2895, FG ..83. PMP 100 BBLS SLK WTR W/ HCL IN LEAD, 40.1 BPM @ 6060 PSI = 31% PERFS OPEN. PMP 250 GAL MORE HCL TO OPEN MORE PERF, NO CHANGE. START .25 PPA THEN .50 PPA TO GET PERFS OPEN UP. START BUILDING RAMP UP TO 2 PPA. CUT CLEAN SHORT AS PRESSURES CLIMBED AND GO TO RESIN. MP 6029, MR 40, AP 5524, AR 35.6, FG .80, ISIP 2688, NPI -207. BBLS PMP 2746 SLK WTR, 65,722# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 70,722#) --- STAGE #2- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 120* PHASING. SET CBP AT 7402'. PULL UP AND PERF 7170-74' (3 SPF), 7124-28' (3 SPF), 77064-67 (3 SPF), 7038-40' (3 SPF). 39 HOLES TOTAL. OPEN WELL- SICP 640 PSI. BRK 2817 PSI AT 8.0 BPM, ISIP 1894, FG .70. PMP 100 BBLS SLK WTR, 45.8 BPM @ 6041 PSI = 58% PERFS OPEN. MP 6041, MR 51.5, AP 5430, AR 49.6, FG .76, ISIP 2294, NPI 400. BBLS PMP 2223 SLK WTR, 98.704# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 103,704#) --- STAGE #3- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 120* PHASING ON 3 SPF AND 90* PHASING ON 4 SPF. SET CBP AT 6732'. PULL UP AND PERF 6544-48' (3 SPF), 6494-96' (3 SPF), 6374-6380' (4 SPF), 42 HOLES TOTAL. OPEN WELL- SICP 141 PSI. BRK 3324 PSI AT 8.2 BPM, ISIP 1571, FG .68. PMP 83 BBLS SLK WTR, 45.7 BPM @ 5280 PSI = 48% PERFS OPEN. MP 5453, MR 56.8, AP 4924, AR 48.2, FG .63, ISIP 1241, NPI -330. BBLS PMP 748 SLK WTR, 24,921# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 29,521#) --- STAGE #4- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 120* PHASING ON 3 SPF. SET CBP AT 6056'. PULL UP AND PERF 66214-18' (3 SPF), 6118-22' (3 SPF), 6050-56' (3 SPF) 42 HOLES TOTAL. OPEN WELL- SICP 247 PSI. BRK 2558 PSI AT 6.6

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008
Project: UTAH-UINTAH	Site: NBU 921-25NT	Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009	End Date: 8/19/2009
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E	

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
								BPM, ISIP 1071, FG .61. PMP 100 BBLS SLK WTR, 49.2 BPM @ 5480 PSI = 45% PERFS OPEN. MP 5541, MR 50.5, AP 4712, AR 49.8, FG .63, ISIP 1188, NPI 117. BBLS PMP 1519 SLK WTR, 63,672# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 68,672#) --- STAGE #5- PU 4-1/2" HALCO 8K CBP AND 3-1/8" EXP GUNS, 23 GM, .36 HOLES ON 90* PHASING ON 4 SPF. SET CBP AT 5836". PULL UP AND PERF 5804-14' (4 SPF), 40 HOLES TOTAL. OPEN WELL- SICP 1029 PSI. BRK 1762 PSI AT 8.2 BPM, ISIP 1206, FG .64. PMP 81 BBLS SLK WTR, 50 BPM @ 4760 PSI = 55% PERFS OPEN (22/42). MP 5053, MR 52.9, AP 4182, AR 51.1, FG .62, ISIP 1082, NPI -124. BBLS PMP 751 SLK WTR, 29,050# 30/50 AND 5,000# 40/20 RESIN (TOT PROP 34,050#) RIH W/ 4-1/2" CBP AND SET KILL PLUG AT 5750' --- RD FLOOR. ND FRAC VALVES. NU BOP. RU FLOOR AND TBG EQUIP. SDFN
8/18/2009	7:00 - 7:30	0.50	COMP	48		P		JSA- PWR SWIVEL. LANDING HANGER.
	7:30 - 17:30	10.00	COMP	31		P		SICP 0. MU 3-7/8" BIT, POBS ASSY, 1.87" XN NIPPLE AND RIH ON 2-3/8" L-80 TBG. TAG SAND AT 5720' AND RU DRLG EQUIP. C/O 30' SAND TO CBP #1 AT 5750'. D/O PLUG IN 3 MIN. NPI VAC. RIH. C/O 30' SAND TO CBP #2 AT 5836'. D/O PLUG IN 4 MIN. NPI 100 PSI. RIH. C/O 20' SAND TO CBP #3 AT 6248'. D/O PLUG IN 4 MIN. NPI 150 PSI. RIH. C/O 70' SAND TO CBP #4 AT 6578'. D/O PLUG IN 5 MIN. NPI 1000 PSI. RIH. C/O 30' SAND TO CBP #5 AT 7204'. D/O PLUG IN 6 MIN. NPI 400 PSI. RIH. C/O 100' SAND TO CBP #6 AT 7480'. CIRC CLEAN. D/O IN 9 MIN. WELL WENT ON HARD VACUUM. CONT RIH AND TAG AT 8660'. PU PWR SWIVEL AND START AIR/FOAM DOWN TBG. 1:05 TO GET CIRC. HP 2000 PSI. C/O TO 8787' W/ 277-JTS IN. ACTS LIKE SCALE ON CSG WALL. CIRC CLEAN. CONTROL TBG W/ 15 BBLS. HANG PWR SWIVEL. POOH AS SB 20-JTS. BIT AT 8161'. SHUT WELL IN. SDFN
8/19/2009	7:00 - 7:30	0.50	COMP	48		P		HSM. WHILE USING FOAM UNIT. WEAR EAR PROTECTION.

US ROCKIES REGION

Operation Summary Report

Well: NBU 921-25NT	Spud Conductor: 5/25/2008	Spud Date: 5/29/2008	
Project: UTAH-UINTAH	Site: NBU 921-25NT		Rig Name No: GWS 1/1
Event: RECOMPL/RESEREVEADD	Start Date: 8/13/2009		End Date: 8/19/2009
Active Datum: RKB @4,972.00ft (above Mean Sea Level)	UWI: 25-9S-21E		

Date	Time Start-End	Duration (hr)	Phase	Code	Sub Code	P/U	MD From (ft)	Operation
	7:30 - 15:00	7.50	COMP	44	D	P		SICP 1500#. OPEN WELL T/ FBT. BLOW DOWN T/ 500# CONT DRL CO T/ PBTD. BRK CONV CIRC W/ WEATHERFORD FU. CONT CO SAND F/ 8788' DOWN T/ 9220' = 432' OF FILL. 9220' = PBTD. CIRC WELL CLEAN W/ FU. RD DRL EQUIP POOH LD 20 JT'S 2 3/8 L-80 WORK STRING. PU 4 1/16 TBG HNGR. LAND TBG W/ KB 14.00 4 1/16 FMC HNGR .83 271 JT'S 2 3/8 L-80 8579.36 XN-NIPPLE & POBS 2.20 EOT @ 8596.39 ND BOP, NU WH. DROP BALL. PUMP BIT OFF W/ 1800 PSI, W/ WEATHERFORD FU. SWI FOR 30 MIN T/ LET BIT FALL T/ PBTD. OPEN WELL T/ FBT. TURN WELL OVER T/ FBC. SICP 900#. FTP 50# ON OPEN CHOKE. RD RIG, RACK OUT RIG EQUIP. ROAD RIG. TOTAL LOAD = 7987 BBLS RIG RECOVERD = 1308 BBLS LEFT T/ RECOVER = 6679 BBLS FOUND 5 GAULDED JT'S. (SENT T/ PRS.) REPLACED W/ 5 L-80 JTS F/ VERNAL YARD.
8/20/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1875#, TP 10#, OPEN/64" CK, 0 BWPH, TRACE SAND, LIGHT GAS TTL BBLS RECOVERED: 1341 BBLS LEFT TO RECOVER: 6646
8/21/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1900#, TP 0#, OPEN/64" CK, 0 BWPH, - SAND, - GAS TTL BBLS RECOVERED: 1411 BBLS LEFT TO RECOVER: 6576
8/24/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1525#, TP 650#, 20/64" CK, 20 BWPH, trace SAND, light GAS TTL BBLS RECOVERED: 2055 BBLS LEFT TO RECOVER: 5932
8/25/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 2750#, TP 1750#, 20/64" CK, 25 BWPH, MEDIUM SAND, 1543 GAS TTL BBLS RECOVERED: 9080 BBLS LEFT TO RECOVER: 3266
	10:00 -		PROD	50				WELL TURNED TO SALE @ 1000 HR ON 8/25/09 - FTP 700#, CP 1350#, 675 MCFD, 18 BWPD, 20/64 CK
8/26/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1300#, TP 650#, 20/64" CK, 16 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 2921 BBLS LEFT TO RECOVER: 5066
8/27/2009	7:00 -			33	A			7 AM FLBK REPORT: CP 1275#, TP 625#, 20/64" CK, 10 BWPH, TRACE SAND, - GAS TTL BBLS RECOVERED: 3216 BBLS LEFT TO RECOVER: 4771
9/4/2009	7:00 -		PROD	50				WELL IP'D 9/4/09 - 926 MCFD, 240 BWPD, CP 555#, FTP 188#, CK 24/64", LP 69#, 24 HRS

Helen Sadik-Macdonald - Surface Casing changes

From: "Laney, Brad"
To:
Date: 09/07/2007 3:26 PM
Subject: Surface Casing changes
CC: "Upchego, Sheila" , "Worthen, Rebecca"

Helen,

The following wells will have 36# casing run in them for the entire surface casing interval.

NBU 921-16P
NBU 921-16J
NBU 921-16HT
NBU 921-16MT
NBU 921-25NT
NBU 921-34MT

Anadarko is currently in the process of converting all future wells to a 36# surface casing string but we will continue to utilize our existing inventory of 32.3# until sometime in October. All future permits will reflect the changes to the surface casing. If you need any additional paperwork or have any questions, let me know.

Thanks again
Brad